



Kellermann

high quality motorcycle products
Made in Germany



2019

A radial engine is the central focus, with its cylinders arranged in a circle. Each cylinder has a glowing orange light at its base. The engine is mounted on a stand. In the background, a motorcycle wheel and a person are visible, suggesting a racing or motorsport environment. A white banner with the Kellermann logo and website address is superimposed over the engine.

Kellermann
www.kellermann-online.com



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A Sensational All-Rounder

A 3in1 sensation as it hasn't been seen before: The Atto® DF is the latest and by far most spectacular member of Kellermann's successful Atto® series! The world's smallest street legal indicator is now available in triple function with an integrated rear and brake light.

Behind the extremely small yet sensationally bright Atto® DF lays a multifunctional all-rounder: At the rear it is visually almost completely disguised with a light surface, which would fit four times on a 1 Cent coin! In result the rear of the motorcycle can be designed as clean and individual as never before. However, in action the Atto® DF shines with an intensity which has made Kellermann products legendary – it's not the size but the illumination power that counts. Indicators, rear and brake light warn with an uncompromising intensity, clearly signalling the following traffic to keep its distance.

Kellermann's well-known HighPower LED technology** and new EXtranz® - Extreme Optical Transparency Technology manage an optimized light channelling through a smart system of lenses and reflectors and thus enabling this combination of sensational brilliance and minimal size. The Atto® DF can be combined with various other series e.g. Atto® or Bullet 1000®.

The complete electronics of the Atto® DF are in the casing, this indicator can be plugged into the 12 volt net directly.*

* Possibly electronic equipment is needed.

** Combination out of the IC operated Longlife Protection Guard® system with high-performance-LEDs latest type of construction.



ECE-tested for rear

- **Replaces the existing rear / brake light as well as indicators**
- **Sensationally small - spectacularly bright**
- **EXtranz® - Extreme Optical Transparency Technology**
- **Kellermann HighPower LED Technology**
- **Longlife Protection Guard®, IC operated, 330 kHz**
- **High quality metal housing**
- **Suitable for 12 volt DC applications**
- **With M5 x 0,5 x 6,5 mm thread**
- **European design protection**

Item

Style

Item No.

Unit

Atto® DF
with clear glass

1 chrome 156.100 one

2 black 156.200 one

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Atto® DF





Sensation

With the Atto®/Atto® Dark we made the almost impossible possible: This indicator is extremely small and spectacularly bright at the same time. Compact and illuminating power: With this combination the Atto®/Atto® Dark is a real sensation!

This is our most compact indicator ever. For comparison: The light surface of the Atto®/Atto® Dark would fit four times on a 1 Cent coin! This consequent reduction offers completely new styling options for the motorcycle. In fact, the Atto®/Atto® Dark basically disappears on the motorcycle. This indicator will only grab your attention when it really has to!

The Atto®/Atto® Dark flashes with the intensity that has made the products of Kellermann legendary and the company over and over again a trendsetter in this segment. This indicator offers maximum illuminating power at minimal size, in short: sensationally small, spectacularly bright! We advise not to look for too long into the beam of this little power house.

The optimized light channeling is managed through a smart system of lenses and reflectors. This combination is possible thanks to the use of the well known Kellermann HighPower LED technology**, along with the new EXtranz® - Extreme Optical Transparency technology.

The complete electronics of the Atto®/Atto® Dark are in the casing, this indicator can be plugged into the 12 volt net directly.*

* Possibly electronic equipment is needed.

** Combination out of the IC operated Longlife Protection Guard® system with high-performance-LEDs latest type of construction.



ECE-tested for front and rear

- **Sensationally small - spectacularly bright**
- **EXtranz® - Extreme Optical Transparency Technology**
- **Kellermann HighPower LED Technology**
- **Longlife Protection Guard®, IC operated, 330 kHz**
- **High quality metal housing**
- **Suitable for 12 volt DC applications**
- **With M5 x 0,5 x 6,5 mm thread**
- **European design protection**

Item	Style	Item No.	Unit
Atto® with clear glass	1 chrome	152.100	one
	2 black	152.200	one
Atto® Dark with strongly tinted glass	3 black	153.100	one

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Atto®



Atto® Dark





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Atto® RB & Atto® RB Dark

Made in Germany®

3 years warranty

'Seeing Red' Right To The Point!

The Atto® RB/RB Dark is another kid on the block of the highly successful Atto® family and the world's smallest street legal rear and brake light for motorcycles. The Atto®/Atto® Dark already defined a completely new category of indicators: sensationally small and spectacularly bright. The new rear and brake light Atto® RB/RB Dark will be no different, but due to its dual function will take things even further.

The light surface of the Atto®/Atto Dark would fit four times on a 1 Cent coin! Therefore the tail of a bike can get a complete clean look and feel. This rear and brake light will only grab your attention when it really has to!

The brake light of the Atto® RB/RB Dark warns with an intensity that is second to none. It keeps the following traffic at distance. Therefore the Atto® RB/RB Dark is enhancing safety on the road.

The Atto® RB/RB Dark can be installed in different ways and offers more options to individualize a bike. It can be mounted in pairs or centrally as a single light!

The optimized light channeling is managed through a smart system of lenses and reflectors. This combination is possible thanks to the use of the well known Kellermann HighPower LED technology**, along with the new EXtranz® - Extreme Optical Transparency technology.

The complete electronics of the Atto® RB/RB Dark are in the casing, this rear and brake light can be plugged into the 12 volt net directly.*

* Possibly electronic equipment is needed.

** Combination out of the IC operated Longlife Protection Guard® system with high-performance-LEDs latest type of construction.

ECE-tested for rear

- **Replaces the existing rear/break light as well as indicators**
- **Sensationally small - spectacularly bright**
- **EXtranz® - Extreme Optical Transparency Technology**
- **Kellermann HighPower LED Technology**
- **Longlife Protection Guard®, IC operated, 330 kHz**
- **High quality metal housing**
- **Suitable for 12 volt DC applications**
- **With M5 x 0,5 x 6,5 mm thread**
- **European design protection**



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Atto® RB



Atto® RB Dark



Item	Style	Item No.	Unit
Atto® RB with clear glass horizontal mounting	1 chrome	158.100	one
	2 black	158.200	one
Atto® RB Dark with strongly tinted glass	3 black	159.100	one

Item	Style	Item No.	Unit
Atto® RB with clear glass vertical mounting	1 chrome	158.150	one
	2 black	158.250	one
Atto® RB Dark with strongly tinted glass	3 black	159.150	one



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© <http://www.black-bike.de>

The 'White' Light

The Atto® WL/WL Dark is the new kid on the block of the highly successful Atto® family and at once the first single position light from Kellermann. The Atto®/Atto® Dark already defined a completely new category of indicators: sensationally small and spectacularly bright. Compact and illuminating power: With this combination the Atto® WL/WL Dark is a real sensation!

The light surface of the Atto® WL/WL Dark would fit four times on a 1 Cent coin! This consequent reduction offers completely new styling options for the motorcycle. In fact, the Atto®WL/WL Dark basically disappears on the motorcycle.

The position light shines with the intensity that has made the products of Kellermann legendary and the company over and over again a trendsetter in this segment. The Atto® WL/WL Dark offers maximum illuminating power at minimal size, in short: sensationally small, spectacularly bright! Therefore the Atto® WL/WL Dark is enhancing safety on the road.

The Atto® WL/WL Dark can be used on multiple applications including quads, cars and trailers (homologated according to ECE-R7).

The optimized light channeling is managed through a smart system of lenses and reflectors. This combination is possible thanks to the use of the well known Kellermann HighPower LED technology**, along with the new EXtranz® - Extreme Optical Transparency technology.

The complete electronics of the Atto® WL/WL Dark are in the casing, this position light can be plugged into the 12 volt net directly.*

* Possibly electronic equipment is needed.

** Combination out of the IC operated Longlife Protection Guard® system with high-performance-LEDs latest type of construction.

ECE-tested for front

Applicable on all vehicles

(e. g. motorcycles, quads, cars, Super Seven, trailers, etc.)

- **Increased safety because of improved visibility**
- **Replaces the existing position light**
- **Sensationally small - spectacularly bright**
- **EXtranz® - Extreme Optical Transparency Technology**
- **Kellermann HighPower LED Technology**
- **Longlife Protection Guard®, IC operated, 330 kHz**
- **High quality metal housing**
- **Suitable for 12 volt DC applications**
- **With M5 x 0,5 x 6,5 mm thread**
- **European design protection**



Item	Style	Item No.	Unit
Atto® WL with clear glass	1 chrome	154.100	one
	2 black	154.200	one
Atto® WL Dark with strongly tinted glass	3 black	155.100	one

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Atto® WL



Atto® WL Dark





micro S DF Dark

Made in Germany®

3 years warranty

An All-Rounder In Micro

New design options are offered by the micro S DF Dark – the newest addition to the micro series. Due to the drastic reduction in size and the characteristic strongly tinted glass, the indicator with an integrated rear and brake light makes three components vanish visually. In addition, this 3in1 combination allows for a significant weight reduction on the motorcycle.

The radiant beaming double rear lights based on two LEDs each and the tested Kellermann HighPower LED Technology** are conspicuous in traffic on the road. Suitable for all motorcycle models.

The complete electronics of the micro S DF Dark are in the casing, this indicator can be plugged into the 12 volt net directly.*

* Possibly electronic equipment is needed.

** Combination out of the IC operated Longlife Protection Guard® system with high-performance-LEDs latest type of construction.

ECE-tested for rear

- *Replaces the existing rear/brake light as well as indicators*
- *Sensational new rear look*
- *EXtranz® - Extreme Optical Transparency Technology*
- *Kellermann HighPower LED Technology*
- *Longlife Protection Guard®, IC operated, 330 kHz*
- *High quality metal housing*
- *Suitable for 12 volt DC applications*
- *With M5 x 0,5 x 6,5 mm thread*
- *European design protection*



Item	Style	Item No.	Unit
micro S DF Dark with strongly tinted glass	1 black	163.100	one

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micro S DF Dark





micro S Dark

Made in Germany®

3 years warranty

Intelligent Disguised

The micro 1000® family is one of the really traditional range of indicators from Kellermann, they have been installed on different kinds of motorcycle models for more than 15 years. The new version micro S Dark represents the trend to even more compact motorcycle lights.

Due to the drastic size reduction and the strongly tinted indicator's glass, the „indicator“ component disappears almost completely. In action however the high performance LEDs provide a spectacularly bright light, which Kellermann indicators are now for!

The new micro S Dark is really super small, it would even fit six times into the larger micro 1000®. This allows an extreme compact and individual design of the tail of the bike. And since Kellermann is the absolute master in high quality compact lights for bikes**, this 'Kellermann' also impresses with its amazing illuminating power.

The complete electronics of the micro S Dark are in the casing, this indicator can be plugged into the 12 volt net directly.*

* Possibly electronic equipment is needed.

** Combination out of the IC operated Longlife Protection Guard® system with high-performance-LEDs latest type of construction.

ECE-tested for front and rear

- **Strongly tinted glass – spectacularly bright**
- **EXtranz® - Extreme Optical Transparency Technology**
- **Kellermann HighPower LED Technology**
- **Longlife Protection Guard®, IC operated, 330 kHz**
- **High quality metal housing**
- **Suitable for 12 volt DC applications**
- **With M5 x 0,5 x 6,5 mm thread**
- **European design protection**

NEW



Item	Style	Item No.	Unit
micro S Dark with strongly tinted glass	1 black	162.100	one

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micro S Dark





Rhombus S DF Dark

Made in Germany®

3 years warranty

A Talented Edge

Our innovative indicator-brake-rear light combination maximizes your individual styling option at the rear of your bike! Optically fully disguised due to its reduction in size and an all-rounder at the same time: The original tail light can be eliminated and replaced by beaming double rear lights based on high-performance LEDs and the Kellermann HighPower LED Technology.**

Inconspicuous at rest, unbeatable in action: The brake light of the Rhombus S DF Dark warns with an intensity that is second to none. It keeps the following traffic at distance, thus enhancing safety on the road. Suitable for all motorcycle models.

The complete electronics of the Rhombus S DF Dark are in the casing, this indicator can be plugged into the 12 volt net directly.*

* Possibly electronic equipment is needed.

** Combination out of the IC operated Longlife Protection Guard® system with high-performance-LEDs latest type of construction.

ECE-tested for rear

- **Replaces the existing rear / brake light as well as indicators**
- **Sensational new rear look**
- **EXtranz® - Extreme Optical Transparency Technology**
- **Kellermann HighPower LED Technology**
- **Longlife Protection Guard®, IC operated, 330 kHz**
- **High quality metal housing**
- **Suitable for 12 volt DC applications**
- **With M5 x 0,5 x 6,5 mm thread**
- **European design protection**



Item	Style	Item No.	Unit
Rhombus S DF Dark with strongly tinted glass	1 black RR*	169.100	one
* rear right ** rear left	2 black RL**	169.150	one

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Rhombus S DF Dark





Rhombus S Dark

Made in Germany®

3 years warranty

An Edge In Disguise

The Rhombus series is extended and now presents itself in a particular compact version! The drastic reduction in size allows for completely new design standards on the motorcycle: when not in use its miniature format and the characteristic tinted glass take undercover to the next level.

In action however the high performance LEDs provide a spectacularly bright light, which Kellermann indicators are now for! The well-known Kellermann HighPower LED Technology** and the new EXtranz®-Extreme Optical Transparency Technology enable an optimized light channeling. Suitable for all motorcycle models.

The complete electronics of the Rhombus S Dark are in the casing, this indicator can be plugged into the 12 volt net directly.*

* Possibly electronic equipment is needed.

** Combination out of the IC operated Longlife Protection Guard® system with high-performance-LEDs latest type of construction.

ECE-tested for front and rear

- **Strongly tinted glass – spectacularly bright**
- **EXtranz® - Extreme Optical Transparency Technology**
- **Kellermann HighPower LED Technology**
- **Longlife Protection Guard®, IC operated, 330 kHz**
- **High quality metal housing**
- **Suitable for 12 volt DC applications**
- **With M5 x 0,5 x 6,5 mm thread**
- **European design protection**



original size

Item	Style	Item No.	Unit
Rhombus S Dark with strongly tinted glass	1 black FL/RR*	168.100	one
* front left / rear right ** front right / rear left	2 black FR/RL**	168.150	one

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Rhombus S Dark





Rhombus S Extreme

Made in Germany®

3 years warranty

A Brilliant Edge

The Rhombus S Extreme is one of the brightest Kellermann indicators available so far. In combination with a drastic reduction in size new design standards are set – not only for motorcycles! The Rhombus S Extreme is allowed for use on multiple applications including quads, cars and trailers (homologated according to ECE-R6). On motorcycles this indicator can be installed within twenty millimetres of the main headlamp, thus blending seamlessly into the visual appearance of the bike.

Three LEDs and the Kellermann HighPower LED Technology** generate an impressive and previously unattained bright signal. Due to this greater illumination power it is recognized more quickly in traffic providing for maximum road safety. Suitable for all motorcycle models.

The complete electronics of the Rhombus S Extreme are in the casing, this indicator can be plugged into the 12 volt net directly.*

* Possibly electronic equipment is needed.

** Combination out of the IC operated Longlife Protection Guard® system with high-performance-LEDs latest type of construction.

ECE-tested for front and rear

Applicable on all vehicles

(e. g. motorcycles, quads, cars, Super Seven, trailers, etc.)

- **Extreme light power and brilliant optic**
- **EXtranz® - Extreme Optical Transparency Technology**
- **Kellermann HighPower LED Technology**
- **Longlife Protection Guard®, IC operated, 330 kHz**
- **High quality metal housing**
- **Suitable for 12 volt DC applications**
- **With M5 x 0,5 x 6,5 mm thread**
- **European design protection**



1



2

original size

Item	Style	Item No.	Unit
Rhombus S Extreme with clear glass	1 black FL/RR*	167.200	one
* front left / rear right ** front right / rear left	2 black FR/RL**	167.250	one

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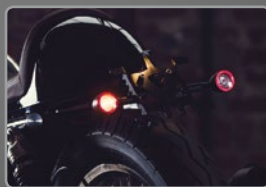
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Rhombus S Extreme





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Bullet 1000® DF

Made in Germany®

3 years warranty

Classic Meets Hightech

The Bullet 1000® was created with a clear goal: An indicator with the classic bullet look and a classy Kellermann design, but equipped with modern LED technology. A newly developed light technology (Kellermann-HPT®) creates a homogenous ring of light. Design quality is not only a question of shape and surfaces but also a result of the complete look and feel when the lights are on. The high quality metal housing with a maximum diameter of 39 mm is like a jewel on the motorcycle. It is available in chrome and black. The Bullet 1000® works with any sophisticated bike design.

The Bullet 1000® comes in five different technical versions: Extreme indicator, indicator with yellow or white position light, indicator with rear and brake light and as pure rear and brake light.

Bullet 1000® DF

The Bullet 1000® DF is a rear indicator in combination with a rear and brake light function. It replaces the existing indicators, rear and brake light. The light of the continuously glowing red rings give the tail of the motorcycle a spectacular look.** When braking, the light circle of the brake light shines strong and clear, the clear message to the following traffic is: Keep your distance. The Bullet 1000® DF at the tail and the Bullet 1000® PL/PL white or Bullet 1000® Extreme/Dark in the front are the perfect combination for your motorcycle.*

* Possibly electronic equipment is needed.

** Combination out of the IC operated Longlife Protection Guard® system with high-performance-LEDs latest type of construction.

ECE-tested for rear

- **Replaces the existing rear/break light as well as indicators**
- **Unique and homogeneous light ring**
- **HPT®- Homogenous Projection Technology**
- **Kellermann HighPower LED Technology**
- **Longlife Protection Guard®, IC operated, 330 kHz**
- **High quality metal housing**
- **Suitable for 12 volt DC applications**
- **With M8 x 20 mm thread**
- **European design protection**



red*dot* design award
best of the best 2015

Item	Style	Item No.	Unit	Equipment
Bullet 1000® DF with clear glass	1 chrome	180.100	one	pages 66 Electronic Equipment pages 69-73
	2 black	180.200	one	Functions page 82

Bullet 1000® DF





Bullet 1000® Dark

Made in Germany®

3 years warranty

Classic Meets Hightech

The Bullet 1000® was created with a clear goal: An indicator with the classic bullet look and a classy Kellermann design, but equipped with modern LED technology. A newly developed light technology (Kellermann-HPT®) creates a homogenous ring of light. Design quality is not only a question of shape and surfaces but also a result of the complete look and feel when the lights are on. The high quality metal housing with a maximum diameter of 39 mm is like a jewel on the motorcycle. It is available in chrome and black. The Bullet 1000® works with any sophisticated bike design.

The Bullet 1000® comes in five different technical versions: Extreme indicator, indicator with yellow or white position light, indicator with rear and brake light and as pure rear and brake light.

Bullet 1000® Dark

A classy design in combination with a modern LED technology characterises Kellermann's Bullet 1000® series which is now available as Bullet 1000® Dark with its strongly tinted glass. The optical dark look sets new style standards for motorcycles: Optically disguised when not in use the indicator matches any demanding bike style. However, in action the typical fast response of the continuous LED ring combined with the soft response of the inner LED surface generates a harmonious indicator performance. The proven Kellermann HPT® Technology enables a homogeneous circular radiation and brings the overall product impression to perfection.** Combined at front and rear they offer a perfect show. Suitable for all motorcycle models.*

* Possibly electronic equipment is needed.

** Combination out of the IC operated Longlife Protection Guard® system with high-performance-LEDs latest type of construction.



red dot design award
best of the best 2015

ECE-tested for front and rear

- **Unique and homogeneous light ring with a strongly tinted glass**
- **HPT®- Homogenous Projection Technology**
- **Kellermann HighPower LED Technology**
- **Longlife Protection Guard®, IC operated, 330 kHz**
- **High quality metal housing**
- **Suitable for 12 volt DC applications**
- **With M8 x 20 mm thread**
- **European design protection**

Item	Style	Item No.	Unit	Equipment
Bullet 1000® Dark with strongly tinted glass	1 black	184.100	one	pages 66 Electronic Equipment pages 69-73 Functions page 82

Bullet 1000® Dark





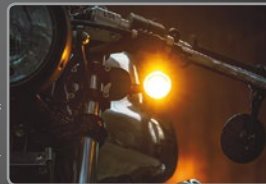
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Bullet 1000® Extreme

Made in Germany®

3 years warranty

Classic Meets Hightech

The Bullet 1000® was created with a clear goal: An indicator with the classic bullet look and a classy Kellermann design, but equipped with modern LED technology. A newly developed light technology (Kellermann-HPT®) creates a homogenous ring of light. Design quality is not only a question of shape and surfaces but also a result of the complete look and feel when the lights are on. The high quality metal housing with a maximum diameter of 39 mm is like a jewel on the motorcycle. It is available in chrome and black. The Bullet 1000® works with any sophisticated bike design.

The Bullet 1000® comes in five different technical versions: Extreme indicator, indicator with yellow or white position light, indicator with rear and brake light and as pure rear and brake light.

Bullet 1000® Extreme

The Bullet 1000® Extreme is a pure indicator with high luminosity and has the ECE-R 6 approval for all vehicles. This is one of the brightest Kellermann indicators ever and it has multi-purpose application options. The big advantage of the indicator is that you can install it closer to the main light than normal indicators, giving you more options to customize your bike. The continuous light ring shows the LED typical fast response** combined with Bullet typical soft response of the inner light section. Altogether a harmonic indicator performance that blends in with the great overall look and feel of this amazing product.*

* Possibly electronic equipment is needed.

** Combination out of the IC operated Longlife Protection Guard® system with high-performance-LEDs latest type of construction.

ECE-tested for front and rear

Applicable on all vehicles (e. g. motorcycles, quads, cars, Super Seven, trailers, etc.)

- **Unique and homogeneous light ring**
- **Extreme light power**
- **HPT®- Homogenous Projection Technology**
- **Kellermann HighPower LED Technology**
- **Longlife Protection Guard®, IC operated, 330 kHz**
- **High quality metal housing**
- **Suitable for 12 volt DC applications**
- **With M8 x 20 mm thread**
- **European design protection**

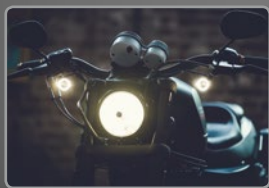


red dot design award
best of the best 2015

Item	Style	Item No.	Unit	Equipment pages 66 Electronic Equipment pages 69-73
Bullet 1000® Extreme with clear glass	1 chrome	182.100	one	Functions page 82
	2 black	182.200	one	

Bullet 1000® Extreme





Bullet 1000® PL White

Made in Germany®

3 years warranty

Classic Meets Hightech

The Bullet 1000® was created with a clear goal: An indicator with the classic bullet look and a classy Kellermann design, but equipped with modern LED technology. A newly developed light technology (Kellermann-HPT®) creates a homogenous ring of light. Design quality is not only a question of shape and surfaces but also a result of the complete look and feel when the lights are on. The high quality metal housing with a maximum diameter of 39 mm is like a jewel on the motorcycle. It is available in chrome and black. The Bullet 1000® works with any sophisticated bike design.

The Bullet 1000® comes in five different technical versions: Extreme indicator, indicator with yellow or white position light, indicator with rear and brake light and as pure rear and brake light.

Bullet 1000® PL White

The Bullet 1000® PL white is an indicator with an integrated position light in the shape of a continuous white light ring. Together with the main light they boost the safety features of the bike. The Bullet 1000® PL white has a unique feature: Once the indicator is activated the position light is temporarily switched off to allow the indicator to be even more visible. Shortly after the indicator stops the position light is activated again.** The Bullet 1000® PL white can be used on multiple applications including quads, cars and trailers (homologated according to ECE-R6/R7). The position lights can be mounted either on the original park/marker light base or connected to the dashboard light of the motorcycle.*

* Possibly electronic equipment is needed.

** Combination out of the IC operated Longlife Protection Guard® system with high-performance-LEDs latest type of construction.



red dot design award
best of the best 2015

ECE-tested for front

Applicable on all vehicles

(e. g. motorcycles, quads, cars, Super Seven, trailers, etc.)

- **Increased safety because of improved visibility**
- **Replaces the existing position light as well as indicators**
- **Automatic deactivation of the position light during the indicator function by flashing**
- **Unique and homogeneous light ring**
- **Extreme light power**
- **HPT® - Homogenous Projection Technology**
- **Kellermann HighPower LED Technology**
- **Longlife Protection Guard®, IC operated, 330 kHz**
- **High quality metal housing**
- **Suitable for 12 volt DC applications**
- **With M8 x 20 mm thread**
- **European design protection**

Item	Style	Item No.	Unit	Equipment
Bullet 1000® PL White with clear glass	1 chrome	183.100	one	pages 66 Electronic Equipment pages 69-73
	2 black	183.200	one	Functions page 82

Bullet 1000® PL white





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Bullet 1000® PL

Made in Germany®

3 years warranty

Classic Meets Hightech

The Bullet 1000® was created with a clear goal: An indicator with the classic bullet look and a classy Kellermann design, but equipped with modern LED technology. A newly developed light technology (Kellermann-HPT®) creates a homogenous ring of light. Design quality is not only a question of shape and surfaces but also a result of the complete look and feel when the lights are on. The high quality metal housing with a maximum diameter of 39 mm is like a jewel on the motorcycle. It is available in chrome and black. The Bullet 1000® works with any sophisticated bike design.

The Bullet 1000® comes in five different technical versions: Extreme indicator, indicator with yellow or white position light, indicator with rear and brake light and as pure rear and brake light.

Bullet 1000® PL

The Bullet 1000® PL is an indicator with an integrated position light in the shape of a continuous yellow light ring. Together with the main light they boost the safety features of the bike. And once the indicator is activated the position lights support the indicator function by flashing in sync. After the indicator has been turned off the position light will resume its function. As the Bullet 1000® Extreme so does the Bullet 1000® PL offer the LED typical fast response** combined with Bullet typical soft response of the inner light section. Altogether a harmonic indicator performance that blends in with the great overall look and feel of this amazing product. The position lights can be mounted either on the original position light base or connected to the dashboard light of the motorcycle.*

* Possibly electronic equipment is needed.

** Combination out of the IC operated Longlife Protection Guard® system with high-performance-LEDs latest type of construction.



red*dot* design award
best of the best 2015

ECE-tested for front

- **Increased safety because of improved visibility**
- **Replaces the existing position light as well as indicators**
- **Position light supports the indicator function by flashing**
- **Unique and homogeneous light ring**
- **HPT®- Homogenous Projection Technology**
- **Kellermann HighPower LED Technology**
- **Longlife Protection Guard®, IC operated, 330 kHz**
- **High quality metal housing**
- **Suitable for 12 volt DC applications**
- **With M8 x 20 mm thread**
- **European design protection**

Item	Style	Item No.	Unit	Equipment pages 66 Electronic Equipment pages 69-73 Functions page 82
Bullet 1000® PL with clear glass	1 chrome	181.100	one	
	2 black	181.200	one	

Bullet 1000® PL





Bullet 1000® RB

Made in Germany®

3 years warranty

Classic Meets Hightech

The Bullet 1000® was created with a clear goal: An indicator with the classic bullet look and a classy Kellermann design, but equipped with modern LED technology. A newly developed light technology (Kellermann-HPT®) creates a homogenous ring of light. Design quality is not only a question of shape and surfaces but also a result of the complete look and feel when the lights are on. The high quality metal housing with a maximum diameter of 39 mm is like a jewel on the motorcycle. It is available in chrome and black. The Bullet 1000® works with any sophisticated bike design.

The Bullet 1000® comes in five different technical versions: Extreme indicator, indicator with yellow or white position light, indicator with rear and brake light and as pure rear and brake light.

Bullet 1000® RB

The Bullet 1000® RB combines and replaces the original rear and brake lights at the tail of the motorcycle. The high quality metal housing fits any demanding bike style like a jewel. The homogenous circular red rear light ring adds a spectacular appearance. The radiant brake light keeps the following traffic at distance, thus ensuring more safety on the road. In addition to the proven Kellermann HighPower LED Technology** the specially for this series developed Kellermann HPT® light technology ensures a homogeneous circular beam, bringing the overall impression of the product to perfection.* Available in chrome or black the Bullet 1000® RB can be combined with other indicator series e.g. Bullet 1000® or the miniature Atto® series.

* Possibly electronic equipment is needed.

** Combination out of the IC operated Longlife Protection Guard® system with high-performance-LEDs latest type of construction.

ECE-tested for rear

- **Replaces the existing rear/brake light**
- **Unique and homogeneous light ring**
- **HPT®- Homogenous Projection Technology**
- **Kellermann HighPower LED Technology**
- **Longlife Protection Guard®, IC operated, 330 kHz**
- **High quality metal housing**
- **Suitable for 12 volt DC applications**
- **European design protection**



reddot design award
best of the best 2015

Item	Style	Item No.	Unit	Equipment
Bullet 1000® RB with clear glass	1 chrome	186.100	one	pages 66 Electronic Equipment pages 69-73
	2 black	186.200	one	Functions page 82

Bullet 1000® RB





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micro 1000® DF & micro 1000® DF Dark

Made in Germany®

3 years warranty

Simply Triple

Our innovative indicator-rear-brake light combination in the stylish micro 1000® housing makes it possible to take a new direction when individualizing the rear of your bike. The original taillight can be eliminated. The micro 1000® DF/DF Dark are made to the highest standards of quality and are now available with the option of clear or dark tinted lenses. As all Kellermann products both versions are homologated for motorcycles. The micro 1000® DF with clear glass can be also used on multiple applications including quads, cars and trailers (homologated according to ECE-R6/R7).

The characteristically bright double rear lights of the micro 1000® DF/DF Dark sets new standards. Using our tried and tested Kellermann HighPower LED Technology** coupled with its compact housing translates to an extremely lightweight unit. Suitable for all motorcycle models.*

* Possibly electronic equipment is needed.

** Combination out of the IC operated Longlife Protection Guard® system with high-performance-LEDs latest type of construction.

ECE-tested for rear

micro 1000® DF with clear glass:
Applicable on all vehicles
 (e. g. motorcycles, quads, cars, Super Seven, trailers, etc.)

- **Replaces the existing rear/break light as well as indicators**
- **Sensational new rear look** ■ **Kellermann HighPower LED Technology**
- **Longlife Protection Guard®, IC operated, 330 kHz**
- **High quality metal housing** ■ **Suitable for 12 volt DC applications**
- **With M8x20 mm thread**
- **Replaceable flexible rubber adapter which protects the indicator from vibration damage and vandalism**

Item	Style	Item No.	Unit
------	-------	----------	------

micro 1000® DF
with clear glass

1	chrome	140.100	one
---	--------	---------	-----

2	black	140.200	one
---	-------	---------	-----

micro 1000® DF Dark
with strongly tinted glass

3	black	143.100	one
---	-------	---------	-----



1



2



3

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micro 1000® DF

micro 1000® DF Dark



micro 1000®



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The 'Dark' Side Of Kellermann

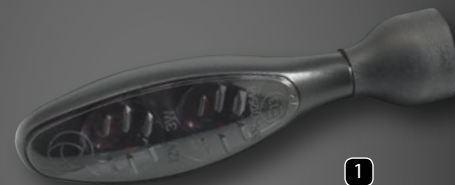
The micro 1000® Dark has two faces: black as the night / and bright as the day. The combination of the perfect light, the Kellermann HighPower LED Technology** and the strongly tinted glass offers new styling options. For your motorcycle the micro 1000® Dark hides what's inside – while the high-performance-LEDs provide a spectacularly bright indicator signal, they are hidden behind the tinted glass when not in use. Front and rear combined it offers a perfect look. Suitable for all motorcycle models.*

* Possibly electronic equipment is needed.

** Combination out of the IC operated Longlife Protection Guard® system with high-performance-LEDs latest type of construction.

ECE-tested for front and rear

- **Strongly tinted glass – spectacularly bright**
- **Kellermann HighPower LED Technology**
- **Longlife Protection Guard®, IC operated, 330 kHz**
- **High quality metal housing**
- **Suitable for 12 volt DC applications**
- **With M8x20 mm thread**
- **Replaceable flexible rubber adapter which protects the indicator from vibration damage and vandalism**



Item	Style	Item No.	Unit
------	-------	----------	------

micro 1000® Dark with strongly tinted glass	1 black	142.100	one
--	---------	---------	-----

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micro 1000® Dark





micro 1000® Extreme

Made in Germany®

3 years warranty

All-Rounder

The micro 1000® Extreme is one of the brightest Kellermann indicator of all-time. It is highly versatile and is the first Kellermann indicator that can be used on multiple applications including quads, cars and trailers (homologated according to ECE-R6). The micro 1000® Extreme can be installed within 20 mm to the main headlamp. Kellermann HighPower LED Technology** uses two LEDs producing an extraordinarily bright indicator. Due to this greater illumination it is recognized much more quickly in traffic providing for maximum road safety.*

* Possibly electronic equipment is needed.

** Combination out of the IC operated Longlife Protection Guard® system with high-performance-LEDs latest type of construction.

ECE-tested for front and rear

Applicable on all vehicles

(e. g. motorcycles, quads, cars, Super Seven, trailers, etc.)

- **Extreme light power**
- **Kellermann HighPower LED Technology**
- **Longlife Protection Guard®, IC operated, 330 kHz**
- **High quality metal housing**
- **Suitable for 12 volt DC applications**
- **With M8 x 20 mm thread**
- **Replaceable flexible rubber adapter protects the indicator from vibration damage and vandalism**



1



2

MOTORRAD
testwinner

edition 3/2013

Item	Style	Item No.	Unit
micro 1000® Extreme with clear glass	1 chrome	160.100	one
	2 black	160.200	one

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micro 1000® Extreme





micro 1000® PL

Made in Germany®

3 years warranty

Lighting The Way

The PL version of our micro 1000® LED indicators comes with additional integrated position lights. With modern high-performance-LEDs and our specially control technology** the micro 1000® PL provide better visibility in road traffic. In addition, they also allow others in traffic to better estimate your speed. Activated with the instrument lighting, the increased power and crystal clear double look creates the impression of daylight-bright lights. Suitable for all motorcycle models.*

* Possibly electronic equipment is needed.

** Combination out of the IC operated Longlife Protection Guard® system with high-performance-LEDs latest type of construction.

ECE-tested for front

- **Increased safety through improved visibility**
- **Replaces the existing position light as well as indicators**
- **Sensational new front look**
- **Kellermann HighPower LED Technology**
- **Longlife Protection Guard®, IC operated, 330 kHz**
- **High quality metal housing**
- **Suitable for 6 and 12 volt DC applications**
- **With M8 x 20 mm thread**
- **Replaceable flexible rubber adapter which protects the indicator from vibration damage and vandalism**



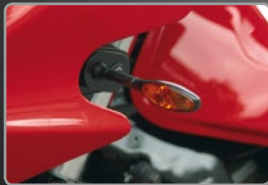
Item	Style	Item No.	Unit
micro 1000® PL with clear glass	1 chrome	141.100	one
	2 black	141.200	one

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micro 1000® PL





micro 1000® LED & micro 1000® LED White

Made in Germany®

3 years warranty

Long Lasting

The micro 1000® LED replace the rear as well as the front indicators because of their bright beam. Thanks to our specially control technology** the micro 1000® LED series offers an especially high light output with almost unlimited life span. They are available in either modern clear or in the classic yellow glass versions. Suitable for all motorcycle models.*

* Possibly electronic equipment is needed.

** Combination out of the IC operated Longlife Protection Guard® system with high-performance-LEDs latest type of construction.

ECE-tested for front and rear

- Improved safety because of brightness and direct response of the LED
- Kellermann HighPower LED Technology
- Longlife Protection Guard®, IC operated, 330 kHz
- High quality metal housing
- Suitable for 6 and 12 volt DC applications
- With M8x20 mm thread
- Replaceable flexible rubber adapter which protects the indicator from vibration damage and vandalism



Item	Style	Item No.	Unit
micro 1000® LED with yellow glass	1 chrome	125.100	one
	2 black	125.200	one
micro 1000® LED White with clear glass	3 chrome	127.100	one
	4 black	127.200	one

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micro 1000® LED

micro 1000® LED White





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micro 1000® Halogen

Made in Germany®

3 years warranty

The Pillion

This classic rear indicator combines tested Halogen technology with stylish, timeless design. Its compact build and high quality metal housing result in reduced weight. It is the ideal companion to our BL 1000 series handlebar end indicators. Suitable for all motorcycle models.*

* Possibly electronic equipment is needed.

ECE-tested for rear

- **6 watt halogen lamp**
- **High quality metal housing**
- **Suitable for 12 volt DC applications**
- **With M8x20 mm thread**
- **Replaceable flexible rubber adapter which protects the indicator from vibration damage and vandalism**



Item	Style	Item No.	Unit
micro 1000® Halogen with yellow glass	1 chrome	123.100	one
	2 black	123.200	one

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micro 1000® Halogen





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© <http://www.kodlin.com>

micro Rhombus DF & micro Rhombus DF Dark

Made in Germany®

3 years warranty

Simply Triple

Our innovative indicator-rear-brake light combination in our distinctive micro Rhombus housing offers new styling options for the rear of your bike. The original tail light can be eliminated. Made to the highest standards of quality, the micro Rhombus DF/Rhombus DF Dark are now available with the option of clear or dark tinted lenses. With its characteristically bright double rear lights the micro Rhombus DF/DF Dark are the latest trend in indicator design. Kellermann HighPower LED Technology** coupled with its compact housing translates to an extremely lightweight unit. Suitable for all motorcycle models.*

* Possibly electronic equipment is needed.

** Combination out of the IC operated Longlife Protection Guard® system with high-performance-LEDs latest type of construction.

ECE-tested for rear

- **Replaces the existing rear/break light as well as indicators**
- **Sensational new rear look**
- **Kellermann HighPower LED Technology**
- **Longlife Protection Guard®, IC operated, 330 kHz**
- **High quality metal housing**
- **Suitable for 12 volt DC applications**
- **With M8x20 mm thread**
- **Replaceable flexible rubber adapter which protects the indicator from vibration damage and vandalism**

Item	Style	Item No.	Unit
micro Rhombus DF with clear glass	1 chrome RR*	146.100	one
	chrome RL**	146.150	one
	black RR*	146.200	one
	2 black RL**	146.250	one
micro Rhombus DF Dark with strongly tinted glass	3 black RR*	149.100	one
	black RL**	149.150	one

* rear right

** rear left

* rear right

** rear left



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micro Rhombus DF

micro Rhombus DF Dark





micro Rhombus Dark

Made in Germany®

3 years warranty

Undercover

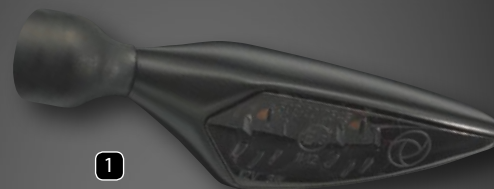
The micro Rhombus Dark combines black styling with daylight-bright performance. The combination of the perfect light, the Kellermann HighPower LED Technology** and the strongly tinted glass offers new styling options for your motorcycle. The micro Rhombus Dark hides what's inside – while the high performance LEDs provide a spectacularly bright light, when not in use they are hidden perfectly behind the tinted glass. Combining the front and rear, they offer a perfect look. Suitable for all motorcycle models.*

* Possibly electronic equipment is needed.

** Combination out of the IC operated Longlife Protection Guard® system with high-performance-LEDs latest type of construction.

ECE-tested for front and rear

- **Strongly tinted glass – spectacularly bright**
- **Kellermann HighPower LED Technology**
- **Longlife Protection Guard®, IC operated, 330 kHz**
- **High quality metal housing**
- **Suitable for 12 volt DC applications**
- **With M8x20 mm thread**
- **Replaceable flexible rubber adapter which protects the indicator from vibration damage and vandalism**



Item	Style	Item No.	Unit
micro Rhombus Dark with strongly tinted glass	1 black FL/RR*	148.100	one
	2 black FR/RL**	148.150	one

* front left / rear right

** front right / rear left

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micro Rhombus Dark





micro Rhombus Extreme

Made in Germany®

3 years warranty

Taking Extreme To The Next Level

The micro Rhombus Extreme is an absolute eye-catcher! Not only does it boast a sensational design, but also the new Extreme model is one of the brightest Kellermann indicators available. He is one of the first with such versatility allowing use on multiple applications including quads, cars and trailers (homologated according to ECE-R6). The micro Rhombus Extreme can be installed within 20 mm to the main headlamp. Kellermann HighPower LED Technology** uses two LEDs producing an extraordinarily bright indicator. Due to this greater illumination it is recognized much more quickly in traffic providing for maximum road safety.*

* Possibly electronic equipment is needed.

** Combination out of the IC operated Longlife Protection Guard® system with high-performance-LEDs latest type of construction.

ECE-tested for front and rear

Applicable on all vehicles

(e. g. motorcycles, quads, cars, Super Seven, trailers, etc.)

- **Extreme light power**
- **Kellermann HighPower LED Technology**
- **Longlife Protection Guard®, IC operated, 330 kHz**
- **High quality metal housing**
- **Suitable for 12 volt DC applications**
- **With M8 x 20 mm thread**
- **Replaceable flexible rubber adapter protects the indicator from vibration damage and vandalism**

Item	Style	Item No.	Unit
micro Rhombus Extreme with clear glass	1 chrome FL/RR*	166.100	one
	2 chrome FR/RL**	166.150	one
	3 black FL/RR*	166.200	one
	4 black FR/RL**	166.250	one

* front left / rear right

** front right / rear left

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micro Rhombus Extreme





micro Rhombus PL

Made in Germany®

3 years warranty

Alpha Indicator

The micro Rhombus indicator has a striking design that is also available with bright position lights. Thanks to modern high-performance-LEDs and our specially control technology**, the micro Rhombus PL ensures better visibility in road traffic. In addition, they also allow others in traffic to better estimate your speed. Connected about the instrument lighting, the increased power and crystal clear double look creates the impression of daylight-bright lights. Suitable for all motorcycle models.*

* Possibly electronic equipment is needed.

** Combination out of the IC operated Longlife Protection Guard® system with high-performance-LEDs latest type of construction.

ECE-tested for front

- **Increased safety because of improved visibility**
- **Replaces the existing position light as well as indicators**
- **Sensational new front look**
- **Kellermann HighPower LED Technology**
- **Longlife Protection Guard®, IC operated, 330 kHz**
- **High quality metal housing**
- **Suitable for 6 and 12 volt DC applications**
- **With M8x20 mm thread**
- **Replaceable flexible rubber adapter which protects the indicator from vibration damage and vandalism**

Item	Style	Item No.	Unit
micro Rhombus PL with clear glass	1 chrome FL*	147.100	one
	2 chrome FR**	147.150	one
	3 black FL*	147.200	one
	4 black FR**	147.250	one

* front left

** front right



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micro Rhombus PL





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micro Rhombus

Made in Germany®

3 years warranty

Corners And Edges

The micro Rhombus stands for recognizable, striking design. Its distinct shape creates a unique style. Supplied in a stylish metal housing, the micro Rhombus has a very wide light beam. An almost unlimited lifespan is guaranteed with our specially control technology**. The micro Rhombus replaces the front as well as the rear indicators and gives a new look. Suitable for all motorcycle models.*

* Possibly electronic equipment is needed.

** Combination out of the IC operated Longlife Protection Guard® system with high-performance-LEDs latest type of construction.

ECE-tested for front and rear

- **Improved safety because of the brightness and direct response of the LED**
- **Kellermann HighPower LED Technology**
- **Longlife Protection Guard®, IC operated, 330 kHz**
- **High quality metal housing**
- **Suitable for 6 and 12 volt DC applications**
- **With M8x20 mm thread**
- **Replaceable flexible rubber adapter which protects the indicator from vibration damage and vandalism**

Item	Style	Item No.	Unit
micro Rhombus with clear glass	1 chrome FL/RR*	126.100	one
	2 chrome FR/RL**	126.150	one
	3 black FL/RR*	126.200	one
	4 black FR/RL**	126.250	one

* front left / rear right

** front right / rear left

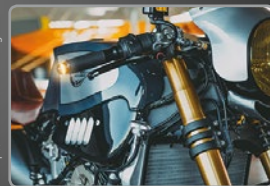


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micro Rhombus





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BL 2000

Made in Germany®

3 years warranty

Be Seen But Not Seen

With the BL 2000 bikers can design the handlebar end of their bike in a new way and have a high performance indicator at the same time, making it also an attractive option for sports bikes. Its tinted ring-shaped glass sits unobtrusively in the black metal housing and gives the handlebar a tasteful ending.

Although the indicator mounts discreetly on the motorcycle, when in use it shows its true size and will surprise you with its highly noticeable bright flashing. This is achieved by the use of the very latest development in Kellermann HighPower LED Technology**. All necessary adapters are supplied for mounting on to most model handlebars.*

* Possibly electronic equipment is needed.

** Combination out of the IC operated Longlife Protection Guard® system with high-performance-LEDs latest type of construction.

ECE-tested for front

- *Ring-shaped glass – spectacularly bright*
- *An indicator which is also an elegant complement to your handlebar*
- *Indicators visually merge into the bike when not in use*
- *Kellermann HighPower LED Technology*
- *Longlife Protection Guard®, IC operated, 330 kHz*
- *High quality metal housing*
- *Suitable for 12 volt DC applications*



reddot award 2014
winner



As awarded by
The Chicago Athenaeum:
Museum of Architecture and Design.

Item	Style	Item No.	Unit
------	-------	----------	------

BL 2000 Chrome with clear glass

1	chrome
----------	--------

110.100

one

BL 2000 Dark with strongly tinted glass

2	black
----------	-------

110.200

one

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BL 2000





BL 1000 Dark

Made in Germany®

3 years warranty

Perfectly Disguised

The BL 1000 Dark brings light into darkness and sets new standards in motorcycle design. This innovative design appears like a seamless extension of the handlebar. With the latest high-performance-LEDs and our specially control technology** a spectacularly bright indicator light is achieved.

The newly proportioned housing shape gives a clear line at the end of the handlebar. The BL 1000 Dark liberates optically the motorcycle from the front indicator's conventioned style and combines indicating function with handlebar vibration damping. Combined with the micro 1000® Dark it gives a perfect look. All necessary adapters are supplied for mounting on to most model handlebars.*

* Possibly electronic equipment is needed.

** Combination out of the IC operated Longlife Protection Guard® system with high-performance-LEDs latest type of construction.

ECE-tested for front

- **Strongly tinted glass – spectacularly bright**
- **Handlebar vibration damping function**
- **Kellermann HighPower LED Technology**
- **Longlife Protection Guard®, IC operated, 330 kHz**
- **High quality metal housing**
- **Suitable for 12 volt DC applications**



Item	Style	Item No.	Unit
BL 1000 Dark with strongly tinted glass	1 black	122.100	one

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BL 1000 Dark





BL 1000 LED

Made in Germany®

3 years warranty

New, And Already A Classic

The BL 1000 LED is the latest development in handlebar end indicators. Our specially control technology**, the modern high-performance-LEDs and the innovative clear glass combine performance with elegant proportioned design at the end of the handlebar.

The BL 1000 LED combines function with handlebar vibration damping. All necessary adapters are supplied for mounting on to most model handlebars.*

* Possibly electronic equipment is needed.

** Combination out of the IC operated Longlife Protection Guard® system with high-performance-LEDs latest type of construction.

ECE-tested for front

- **Increased safety because of brightness and direct response of LEDs**
- **Handlebar vibration damping function**
- **Kellermann HighPower LED Technology**
- **Longlife Protection Guard®, IC operated, 330 kHz**
- **High quality metal housing**
- **Suitable for 12 volt DC applications**



Item

Style

Item No.

Unit

BL 1000 LED
with clear glass

1 chrome 120.100 one

2 black 120.200 one

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BL 1000 LED





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© <http://www.tunderbille.de>



© <http://www.mgm-bikes.de>

BL 1000 Yellow

Made in Germany®

3 years warranty

Trademark - Kellermänner®

In the motor bike scene the noble products are true cult and only referred to as 'Kellerman's'. Our reliable technology and impressive handlebar vibration damping functionality come together in the bar end BL 1000. Produced with high quality materials, this timeless shape blends in perfectly with the micro 1000® series. All necessary adapters are supplied for mounting on to most model handlebars.*

* Possibly electronic equipment is needed.

ECE-tested for front

- **Handlebar vibration damping function**
- **21 watt halogen lamp**
- **High quality metal housing**
- **Suitable for 12 volt DC applications**



1



2



3

Item	Style	Item No.	Unit
Increased Handlebar Vibration Damping (heavy version)	1 Brass chrome highly polished	124.100	one
	2 Brass black	124.700	one
Lighter Weight Handlebar Vibration Damping (light version)	3 Aluminium satin matt honed	124.210	one
	1 Aluminium polished	124.300	one
	2 Aluminium black	124.600	one

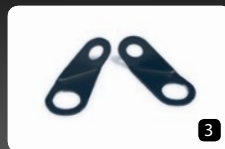
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BL 1000 Yellow



Equipment Atto® / micro S / Rhombus S Series



Equipment Atto® / micro S / Rhombus S Series

Item	Style	Item No.	Unit	Item	Style	Item No.	Unit
Variable Mounting Adapter M6	1 black	152.735	one	Mounting Panel 174 mm / stainless steel	7 black	152.756	one
	2 black	152.753	one		8 stainless steel	152.758	one
Ball Head Adapter HD Sportster	chrome	152.752	one	Mounting Panel 204 mm / stainless steel	9 black	152.757	one
	3 black	152.754	pair		10 stainless steel	152.759	one
Adapter Plate Handlebar HD Stainless steel, appropriate to HD models with hydraulic suitable clutch-operation	4 stainless steel	152.755	pair	Rigid Mounting Adapter M5 to M10x20 mm	11 black	152.812	one
	5 black	152.750	pair		12 black	152.822	one
Mounting Plate C 30 mm, fitting on most models of different brands, e.g. Aprilia, BMW, Ducati, Moto Guzzi, Honda, Triumph	6 black	152.751	pair	Rigid Mounting Adapter M5 to M8 x 20 mm	13 black	152.852	one
					14 black	152.872	one
Mounting Plate C - Evo 33 mm, fitting on most models of different brands, e.g. Aprilia, BMW, Ducati, Moto Guzzi, Honda, Triumph				Extension 15mm, M5			

For up to date information and additional equipment please check here:
www.kellermann-online.com.

Equipment Bullet 1000® Series & Mounting Plates

Equipment Bullet 1000® Series

Item	Style	Item No.	Unit
Rigid Mounting M8 x 20 mm	1 chrome	180.850	one
	2 black	180.852	one
Rigid Mounting M8 x 40 mm (Harley)	3 chrome	180.820	one
	4 black	180.822	one
Extension 30 mm, M8	5 chrome	123.635	one
	6 black	123.630	one



Bullet Adapter HD

Adaptor to directly install the Bullet 1000 indicators on the original mount in front of Harley Davidson motorcycles.

Item	Style	Item No.	Item No.
Bullet Adapter HD	1 chrome	180.730	one
	2 black	180.735	one



Mounting Plates

Item	Item No.	Unit
Mounting Plate For Honda ISH1	1 123.754	pair
Mounting Plate For Kawasaki ISK1	2 123.755	pair
Z750 Kawasaki Front Conversion Kit	3 123.758	pair
Mounting Plate For Suzuki	4 123.750	pair
Mounting Plate For Suzuki ISS1	5 123.752	pair
Mounting Plate For Suzuki ISS2	6 123.751	pair
Mounting Plate For Yamaha ISY1	7 123.756	pair
Mounting Plate For Yamaha ISY2	8 123.757	pair
Mounting Plate For Italien Bikes	9 123.753	pair

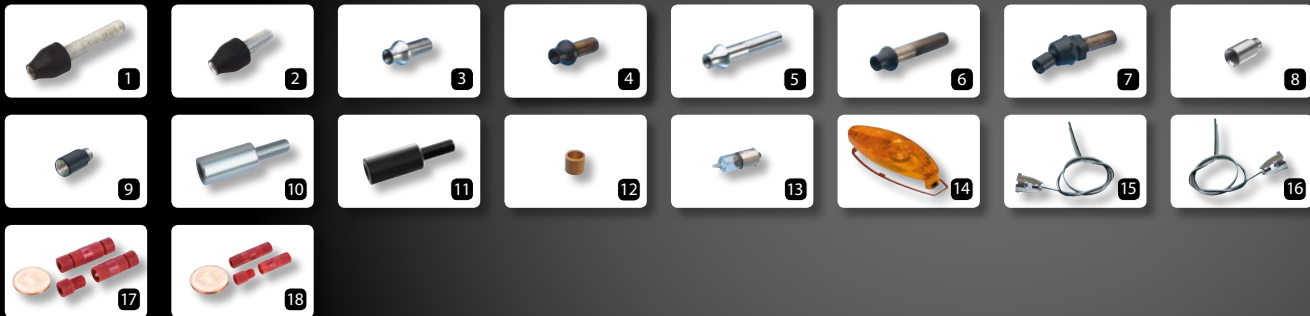


The mounting plates are suitable for all indicators with M8 thread (micro 1000®, micro Rhombus and Bullet 1000® series).

For up to date information and additional equipment please check here:
www.kellermann-online.com.

Equipment micro Series

Item	Style	Item No.	Unit	Item	Style	Item No.	Unit		
Flexible Rubber Adapter 2019	1	M8 x 40 mm	123.610	one	Adapter M8-M12	12	123.810	one	
	2	M8 x 20 mm	123.620	one	Halogen Lamp 12V/H6W	13	123.900	one	
Rigid Mounting M8 x 20 mm	3	chrome	123.850	one	Indicator Glass micro 1000® Evo	14	123.912	one	
	4	black	123.852	one	Bulb Holder micro 1000®	15	123.930	one	
Rigid Mounting M8 x 4 mm (Harley)	5	chrome	123.820	one	Bulb Holder micro 1000® Evo	16	123.931	one	
	6	black	123.822	one	Posi-Lock Cable Connector	17	set of 9, 27x7 mm	123.955	one
Ball Head Adapter for angled applications	7	black	123.735	one		17	set of 5, 27x7 mm	123.956	one
	Extension 10 mm, M6	8	chrome	123.870	one	Posi-Lock Cable Connector MINI	18	set of 5, 19x5 mm	123.957
9		black	123.872	one					
Extension 30 mm, M8	10	chrome	123.635	one					
	11	black	123.630	one					



Equipment BL Series

Equipment

For All BL 1000/BL 2000

Item	Style	Item No.	Unit
Posi-Lock Cable Connector	1 set of 9,27 x 7 mm	123.955	one
	1 set of 5,27 x 7 mm	123.956	one
Posi-Lock Cable Connector MINI	2 set of 5,19 x 5 mm	123.957	one
	3 type 1 (from 11,5 mm)	100.911	one
Rubber Adapter Set (mounting rubber + nut)	4 type 2 (from 16,5 mm)	100.924	one
	5 type 3 (from 20 mm)	100.921	one

BL 1000 Yellow/BL 1000 White (Halogen)

BL 1000 F Glass	6 only for BL 1000 yellow	100.902	one
BL 1000 R Glass	7 only for BL 1000 yellow	100.903	one
Halogen Lamp 12V/H21W	8	100.153	one
Bulb Holder	9	100.930	one
Multi-Function Piece	10 (without mounting rubber + nut)	100.901	one
BL 1000 Cable with earth contact		100.904	one
Earth Cable with small nut	11 for type 2 (from 16,5 mm)	100.912	one
Earth Cable with large nut	12 for type 3 (from 20 mm)	100.922	one

Exchange Component Options

BL 1000 Yellow Exchange Component Options

Style	Item No.	Unit
Brass chrome highly polished*	124.101	one
Brass black*	124.701	one
Aluminium satin matt honed**	124.211	one
Aluminium polished**	124.301	one
Aluminium black**	124.601	one



* Increased handlebar vibration damping (heavy version)

** Lighter weight handlebar vibration damping

Indicate, Warn, Alarm, Brake, Start And Much More

The Kellermann CR 4® is the ultimate all-in-one solution for motorcycles with indicator switch. The load independent indicator relay elevates the functionality of older motorcycles to an up-to-date level and even optimizes the electronics of currently released bikes. As with all Kellermann flasher relays, the in some cases occurrence of unwanted additional flashing of non-activated indicators has also been cured. For the biker the CR 4® has many new controlling options on offer: Indicate, warn, alarm, break, start, and much more. But the clear message is: Only use what you really want. The biker decides what functions the Kellermann CR 4® should control. The integrated flasher relay offers one convenience function: A short 'indicator on – indicator off' triggers five flasher cycles. This lets the rider quickly return to concentrating on their turn, or overtaking manoeuvre. The sequence can be interrupted at any time by switching 'on /off' in the same turn direction.

But the magic box can do much more: It's also a hazard flasher, an alarm unit, an adaptive break light and a starter assistant.

And the hazard warning flasher can run without the ignition key, until shut off manually or by the battery protection switching.

The alarm unit signals thieves its readiness with a control light and reacts on movements or shocks with warning signals from horn and indicators. The alarm is set by the very simple method of turning the ignition on/off twice in quick succession (on/off, on/off). In addition it also has an integrated flasher reset memory and battery protection. Should the supply voltage drop below a limiting value, the alarm system switches off in order to prevent damage taking place to the battery.

The adaptive break light makes the ride safer. Emergency or very strong braking will create a flashing brake light that will urgently warn the following traffic.

The starter assistant lets the engine start after the hand brake is pulled three times.

Despite the unit's many functions, it can be installed rather easily the wires connect directly to the indicator relay.

ECE-tested

Alarm Unit + Flasher Unit With Convenience Functions + Hazard Warning Unit + Adaptive Brake Light + Starter Assistant

- **Suitable for indicator switches**
- **Very simple exchange relay installation**
- **Replaces the original 2-3 pole flasher relay**
- **Hazard warning flasher can be activated with and without additional hazard switch**
- **Alarm unit responds to changes in position and vibration**
- **Alarm sensibility adjustable in 10 steps**
- **Alarm Unit with external alarm sensor port**
- **Battery protection switching (undervoltage protection)**
- **Restricts the accompanying flashing of non-activated indicators**
- **Load-independent / steady flash rate**
- **Indicator switching capacity 0.5-85 watt (max. 42.5 watt per side)**
- **With horn switch port (max. 50 watt), works as a power horn relay**
- **Intuitive operation**
- **Indicator reset memory**
- **Slim housing 128x22x12 [mm] (L/W/H) for installation almost anywhere on the motorcycle**
- **High quality metal housing**
- **Suitable for 12 volt DC applications**



Our development team is constantly working on improved solutions for all vehicle categories. If you are not certain which electronic equipment you require please check our FAQs or contact us via online contact form: <http://www.kellermann-online.com> or call us: +49 (0)241 / 93808-0.

i.MAS - CR 4®

Item	Style	Item No.	Unit
i.MAS – CR4®	1	123.980	one
Equipment: Fuse Holder		123.959	one
Equipment: Replacement Fuses	2 10A/15A	123.958	set

Made in Germany®



3 years warranty



Flasher Relay R 1

Made in Germany®

3 years warranty

Micro Relay For The Pros

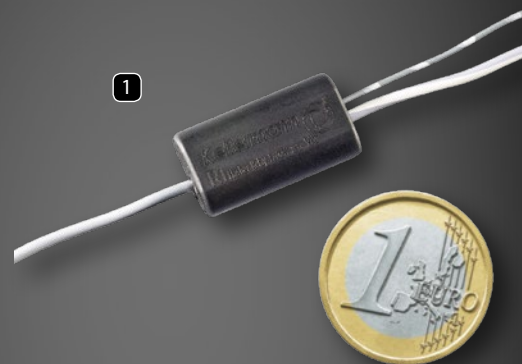
The R 1 flasher relay has very small dimensions and flashes independently of load at a steady 75 pulses per minute. It also has a connection available for the flasher dashboard light. It is easily installed into the feed to the indicator switch, or can be swapped with the original 2-3 pole flasher relay. It is therefore suitable for all motorcycles with indicator switches. Should the change to LED indicators result in the non-intentionally activated indicators also flashing; then the indicator control light must also be connected to the R 1 relay. The 'hazard warning' effect will then be effectively cured.

All necessary components required for installation are included.

ECE-tested

- **Simple installation in feed to the indicator switch or swap the original 2-3 pole flasher relay**
- **Connection to indicator control light also possible**
- **Restricts the accompanying flashing of non-activated indicators**
- **Load-independent / steady flash rate**
- **Switching capacity 0...50 watt at 12 volt / 0...24 watt at 6 volt**
- **Very small dimensions 22 x 12 x 6 [mm] (L/W/H)**
- **Suitable for indicator switches**
- **Suitable for 6 and 12 volt DC applications**

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Flasher Relay R 1



Item	item No.	Unit
Flasher Relay R 1	1 123.965	one

Flasher Relay R2

Made in Germany®

3 years warranty

The Classic

The load-independent R2 flasher relay is the universal problem solver when using LED and halogen indicators. It replaces all original 2-3 pole flasher relays and delivers a constant and correct flashing frequency. Connection is simple. If following the conversion to LED indicators, the non-activated indicators also flash, then all that is required is for the relay to be connected to a left and a right indicator in order to reliably cure this problem.*

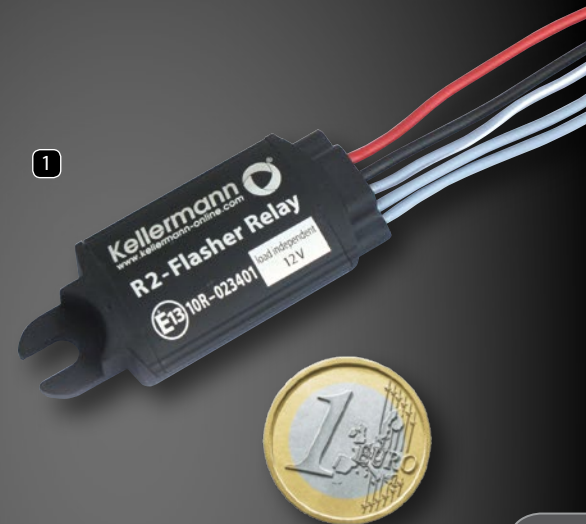
All necessary components required for installation are included.

*In certain cases the hazard warning flasher facility must be deactivated.

ECE-tested

- **Replaces the original 2-3 pole flasher relay**
- **Restricts the accompanying flashing of non-activated indicators**
- **Load-independent / steady flash rate**
- **Switching capacity 0,5-85 watt**
- **Small dimensions 34 x 22 x 12 [mm] (L/W/H)**
- **High quality metal housing**
- **Suitable for indicator switches**
- **Suitable for 12 volt DC applications**

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Item

Item No.

Unit

Flasher Relay R2

1

123.970

one

Flasher Relay R2 - Type K

with vehicle specific plug,
suitable for many Kawasaki models

123.971

one

Flasher Relay R2



Electronic equipment

i.LOAD - to adjust the indicator frequency

When installing new indicators the flashing rate of the indicator or the control light may increase.

Load independent relays (e.g. R2) or multifunction assistance systems (e.g. CR4®) can fix the problem. If the installation is not possible or favored, an i.LOAD can also fix the problem.



Item	Item No.	Unit	
i.LOAD - IL 1	123.940	set	Usage of Kellermann LED indicators instead of original LED indicators (12V) - 1 set for 2 indicators (front or rear) Provides correct function of the indicator control light, e.g. Harley Davidson with HD LAN
i.LOAD - IL 10	123.950	one	Usage of micro 1000® Halogen indicators instead of original 21 watt indicators - 1 piece per indicator
i.LOAD - IL 7,5	123.952	one	Usage of Kellermann LED indicators instead of original 21 watt indicators - 1 piece per indicator
i.LOAD - IL 27	123.954	one	Usage of Kellermann LED indicators instead of original 10 watt indicators - 1 piece per indicator

i.BOS - to avoid inaccurate error notifications on the cockpit

The i.BOS systems provide a quick fix, if after the installation of DF versions control lights in the cockpit function inaccurately.



Item	Item No.	Unit	
i.BOS - EL 1	123.941	set	Provides correct function of warning lights when using DF versions* at original LED rear lights, e.g. BMW RnineT
i.BOS - CL 1	123.942	set	Provides correct function of warning lights and the control light when using DF versions*, e.g. Harley Davidson with HD LAN
i.BOS - EL 33	123.953	set	Provides correct function of warning lights when using DF versions* at original bulb rear lights**, e.g. older BMW


Required is 1 set for 2 indicators / 2 DF indicators (indicator, rear light, brake light)

*Additionally and on case by case the option „LED indicator“ has to be activated in the software.

**One i.BOS - EL 33 parallel to the rear light and one i.LOAD - IL 7,5 parallel to the break light are needed.

i.SED - offers special solutions when installing Kellermann indicators

i.SED products offer a solution for different tasks and have an additional plug where 12V '+' can be optionally connected.

Item	Item No.	Unit	
i.SED - V12 for vehicles originally equipped with 12 volt indicator voltage	123.967	set	e.g. when installing <ul style="list-style-type: none"> Indicators with a higher power input (watt) than original, e.g. Ducati Panigale Indicators on vehicles with plus (+) and ground (-), e.g. English oldtimer DF combinations (indicator, rear light, brake light) on vehicles with indicators running on minus, e.g. Indian Scout
i.SED - V6 for vehicles originally equipped with 3-9 volt indicator voltage	123.966	set	e.g. when installing <ul style="list-style-type: none"> Indicators with a higher voltage (volt) than original, e.g. Yamaha XVS 1300 Custom Indicators on vehicles with plus (+) and ground (-), e.g. English oldtimer 

Required is 1 set for 2 indicators / 2 DF indicators (indicator, rear light, brake light)

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<http://www.kellermann-online.com> or call us: +49 (0)241 / 93808-0.

Electronic Equipment

i.LASH - Vehicle-specific adapter cable with integrated simulation electronics

The i.LASH products contain all parts so the indicator frequency is correct and dashboard warnings do not appear.

The equipment includes two adapter cables for the indicators with connectors that fit the vehicle, if necessary with integrated adaptation electronics, and if necessary a load-independent flasher relay.

- Vehicle compatible plug connection**
- Very easy installation**
- Usual flashing frequency**
- No dashboard warnings**
- Undisturbed operation of all Kellermann LED-indicators**

Available for the following models:

Item	Item No.	Brand	Model	Construction year	Position	Einheit
i.LASH - A1	123.527	Aprilia	Tuono V4 1100 Factory	2017 -	front	set
i.LASH - A2	123.528	Aprilia	Tuono V4 1100 Factory	2017 -	rear	set
i.LASH - B1	123.529	BMW	R nineT	2018 -	front	set
i.LASH - B2	123.530	BMW	R nineT	2018 -	rear 3in1 DF lights	set
i.LASH - HD2	123.520	Harley Davidson	a.o.Breakout; Street Bob; Fat Bob; Low Rider	2018 -	rear 3in1 DF lights	set
i.LASH - H1	123.510	Honda	CB1000R Neo Sports Café CB650R Neo Sports Café	2018 - 2019 -	front	set
i.LASH - H2	123.511	Honda	CB1000R Neo Sports Café CB650R Neo Sports Café	2018 - 2019 -	rear	set
i.LASH - H3	123.512	Honda	CRF1000L Africa Twin CBR1000RR Fireblade	2018 - 2017 -	front or rear rear	set
i.LASH - H4	123.513	Honda	CBR1000RR Fireblade	2017 -	front	set
i.LASH - H5	123.517	Honda	VFR 800X Crossrunner	2018 -	front or rear	set
i.LASH - I1	123.514	Indian	Scout Bobber	2018 -	front	set
i.LASH - I2	123.515	Indian	Scout Bobber	2018 -	rear 3in1 DF lights	set
i.LASH - I3	123.516	Indian	Scout	2015 -	rear 3in1 DF lights	set
i.LASH - K1	123.525	Kawasaki	Z900RS Z900	2018 -	front and rear	set
i.LASH - MV1	123.518	MV Augusta	800 Brutalle RR	2018 -	front or rear	set
i.LASH - Y1	123.531	Yamaha	YZF-R1M	2018 -	front	set
i.LASH - Y2	123.532	Yamaha	YZF-R1M	2018 -	rear	set
i.LASH - Y3	123.533	Yamaha	YZF-R1M	2018 -	rear 3in1 DF lights	set

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License Plate Light KL 1

Made in Germany®

3 years warranty

Small, Compact, Legal

The KL 1 license plate light with its micro size and unique design is a cool addition to any motorcycle. Thanks to its specially developed optics, the license plate can be lit completely by pure white (CRI > 80)* light without affecting the following traffic. In its high quality metal housing, the KL 1 can be fixed using the accompanying mounting strips to the license plate bracket or also directly onto the license plate itself. Instead of the accompanying bracket, the user's own bracket can also be used. A tab sized 6x7x3 cm (LxWxH) is required.

Suitable for all motorcycle models.

*CRI - color rendering index

ECE-tested

- **Compact micro size**
- **Pure white light (CRI > 80)***
- **High quality metal housing**
- **Suitable for 12 volt DC applications**

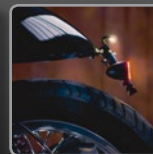


red dot award 2014
winner



KL 1

Item	Item No.	Unit
License Plate Light KL 1	1 170.100	one



License Plate Holder KH 2000 With KL 1

Made in Germany®

3 years warranty

Less Is More

The new license plate holder comes in a package with the compact license plate light KL 1. With its light weight design and different variation possibilities of indicator positioning the KH 2000 really offers many options to design the rear of the bike without compromising its stability. The included license plate light KL 1 with its micro size and unique design is also a cool addition to any motorcycle. The KH 2000 fits on all existing vehicle adapters and custom solutions.*

* Vehicle-specific adapters are used (see page 77).

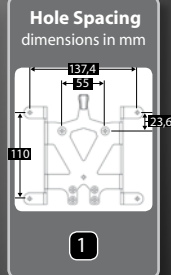
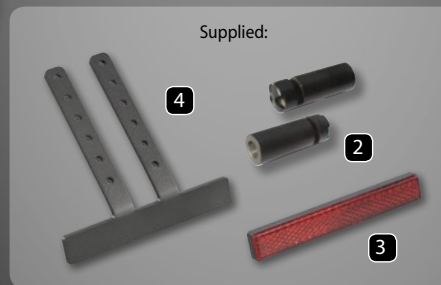
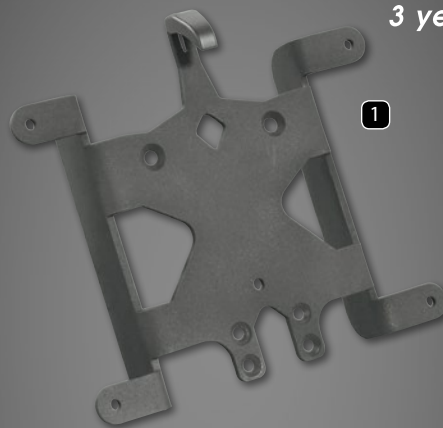
ECE-tested

- **CNC-milled**
- **Lightweight construction**
- **Many variation possibilities of indicator positioning**

Item	Item No.	Unit
KH 2000 With KL 1	1 170.600	one

Accessories For KH 2000 Series

Bracket M8 x 30 mm, black	2 170.832	one
Reflector 100 x 13 mm (with M5 thread bolt) for KH 2000 (until 2019)	170.830	one
Reflector 123 x 12,5 mm (with M5 thread bolt) for KH 2000 (from 2019)	3 170.834	one
Reflector Carrier (for Reflector 123x12,5 mm) for KH 2000 (from 2019)	4 170.835	one



KH 2000 With KL 1



License Plate Holders KH 1000

Made in Germany®

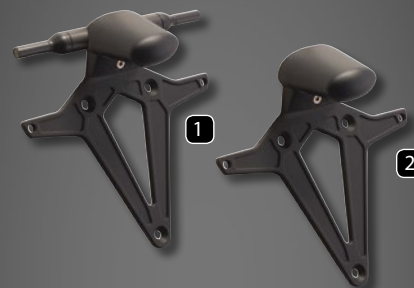
3 years warranty

Top Performer

The KH 1000 with a range of functions is milled from high tensile aluminum, and depending upon the model, features indicator, license plate light and reflector. The subtle but stable design gives an exclusive look with considerable weight saving. The KH 1000 is available with and without indicator holder (M8 adapter). Because of the modular build of the KH 1000 you can determine shape, function and design.*

* Vehicle-specific adapters are used (see page 77).

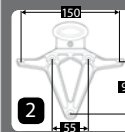
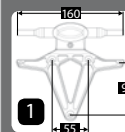
- **CNC-milled**
- **Lightweight construction**
- **Many variation possibilities**



Supplied:



Hole Spacing
dimensions in mm



Equipment KH 1000 Series

Item	Style	Item No.	Unit
License Plate Illumination		170.800	one
Reflector 90x30 mm (with M5 thread bolt)	3	170.810	one
Reflector Carrier	4	170.811	one
License Plate Light W5W (lamp)		170.900	one
Flexible Rubber Adapter KH 1000		170.620	one
Rigid Mounting KH 1000	black	170.635	one
Adapter for other indicators M 10	black	170.816	one
Adapter for other indicators M 8	black	170.820	one

Item	Style	Item No.	Unit
KH 1000 with indicator holder	1 black	170.400	one
KH 1000 without indicator holder	2 black	170.450	one



© <http://www.himoto.de>

KH 1000



Vehicle Adapters

Made in Germany®

3 years warranty

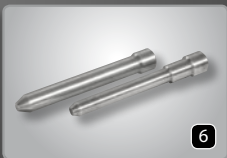
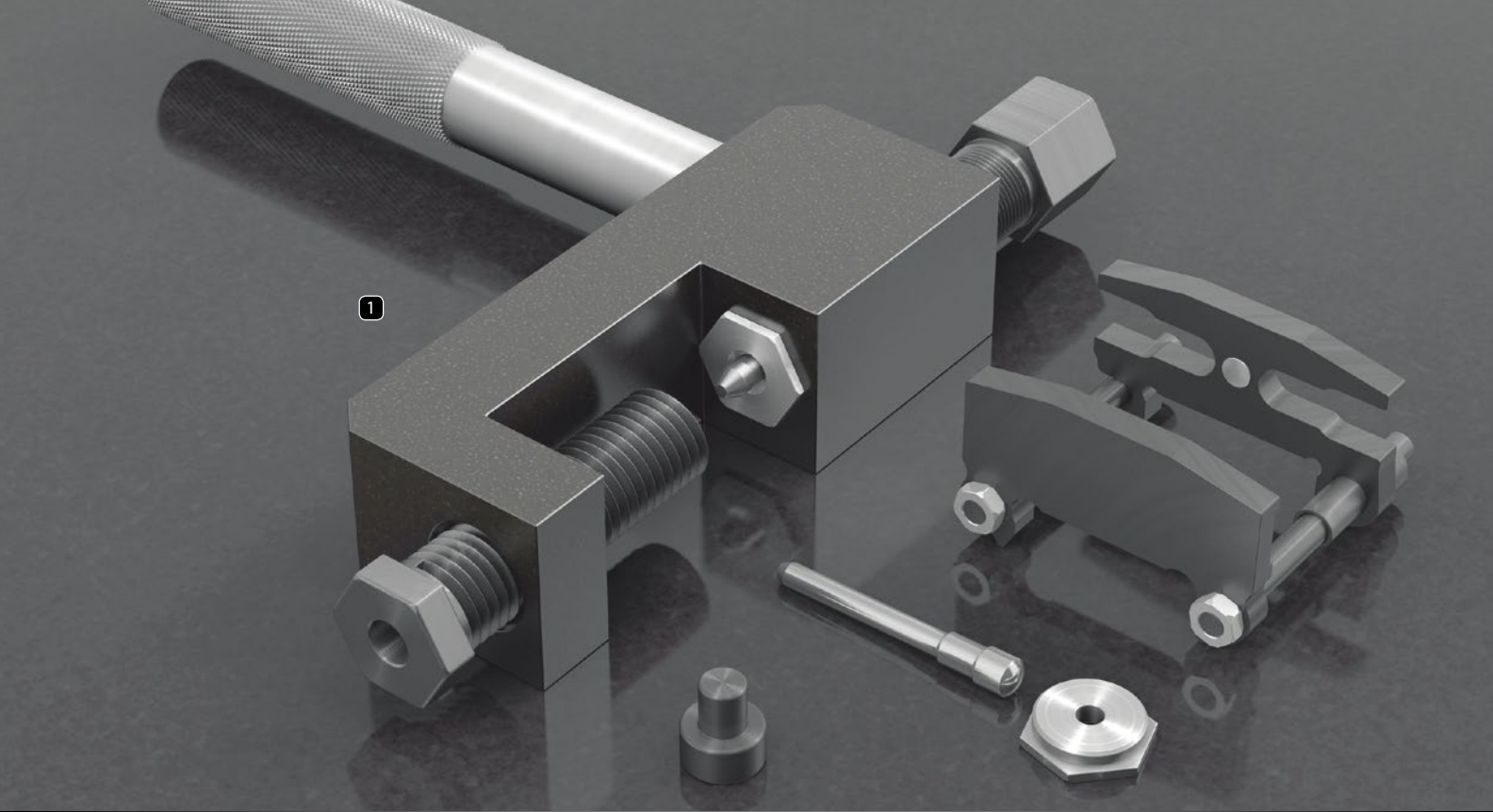
Item	Style	Item No.	Unit
BMW			
R 1100 S MJ 98-05	black	175.005	one
Honda			
CBR 600 RR MJ 03-06	black	173.015	one
CBR 600 RR MJ 07-10 1	black	173.016	one
CBR 900 RR MJ 02-03	black	173.005	one
VFR 800 V-Tec MJ 02-05 (KH 170.450 is recommended)	black	173.035	one
Suzuki			
Suzuki B-King 2	black	171.055	one
GSR 600 MJ 06-10	black	171.016	one
GSXR 600 / 750 MJ 04-05	black	171.015	one
GSXR 600 / 750 MJ 06-07 3	black	171.017	one
GSXR 1000 MJ 03-04	black	171.005	one
GSXR 1000 MJ 05-06	black	171.006	one

Item	Style	Item No.	Unit
GSXR 1000 MJ 07-08	black	171.007	one
SV 1000 MJ 03-05	black	171.035	one
SV 650 MJ 03-08	black	171.046	one
Triumph			
Speed Triple MJ 05-08	black	175.505	one
Daytona 675 MJ 06-10 4	black	175.515	one
Yamaha			
FZ6 / FZ6 Fazer MJ 04-10	black	176.025	one
R1 MJ 04-08	black	176.006	one
R6 MJ 01-02	black	176.015	one
R6 MJ 03-05	black	176.016	one
FZ1 MJ 06-10	black	176.045	one
FZ1 Fazer MJ 06-10 5	black	176.046	one
XT 660 X 04-05 6	black	176.070	one



Fitments for further models are always in preparation (info@kellermann-online.com or 0049 (0)241/93808-0)

All items available while stocks last.



Chain Tool KTW 2.5

Made in Germany®

3 years warranty

The Kellermann chain tool KTW 2.5 is the enhanced version of the KTW 2.0.

It allows an easy removal of the worn chain and a precise assembly of the new chain with hollow rivets, so that the swingarm can stay installed. The tool is designed for chains of all brands (such as DID, Regina, RK, etc.). The tool now comes with two arbors for different diameters. The pre-installed arbor is now stronger and works for 5xx und 6xx chains. The additional arbor especially works for 4xx chains. For use in addition only a 19mm ring or socket wrench is required.

By using the extension set Art.-Nr. 130.250 this tool is suitable for full rivet locks.

The chain tool contains a patented, magnetic positioning tool for the assembly of the connecting link, which ensures simple and absolutely precise mounting of the side plate of the connecting link. The positioning unit consists of two magnetic plates that are coupled together via a guide. This design allows a precise and comfortable positioning of the parts of the connecting link. The plates stick magnetically to the connecting link, so you have the hands free to work.

Crucial for the assembly of the connecting link is, that you don't insert the side plate too far onto the pins. To prevent this reliably, the plates act as a limit stop and extend to the adjacent chain links. You can see with naked eye through the cut-outs in the push plate, if the side plate of the connecting link is in the right position and you have to stop pushing it.

So connecting link assembly errors are largely excluded and the assembly of the connecting link is neither time consuming nor nerve wrecking any more.

Rivet head molder Extension set for full rivet locks Part No. 130.250

This chain tool is capable to handle full rivet locks by using our extension set.

Convenient Handling: Just replace the guide of the pin punch against the attached rivet head molder guide. Push the rivet head into the guideway by what its usable. The force is transmitted by the pin punch to the rivet head.

- **Chain Breaking**
- **Connecting link assembly**
- **Rivetting the bolts**

Watch our KTW 2.5 video
at www.kellermann-online.com:



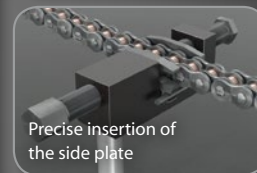
<http://www.kellermann-online.com/en/produkte/detail/130.150>



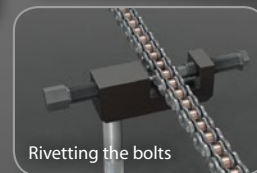
Breaking the chain



Positioning of the side plate of the connecting link



Precise insertion of the side plate



Rivetting the bolts








Item	Item No.	Unit
Chain Tool KTW 2.5	1 130.150	set
Magnetic Positioning Device*	2 130.210	one
Replacement Pin Punch For KTW 2.0	3 130.220	one
Bolt Stop *	4 130.225	one
Rivet Head Molder Set For Full Rivet Locks*	5 130.250	set
Replacement Set For KTW 2.5 - Pin Punch 4xx, Pin Punch 5xx And 6xx	6 130.240	set
Upgrade Set KTW 2.0 → KTW 2.5 (pin punch 4xx, pin punch 5xx and 6xx, fence, thread, pressure screw)	7 130.260	set

KTW 2.5




*applicable for KTW 2.0 and KTW 2.5

Functions Atto® Series

	Atto® DF 156....	Atto® 152....	Atto® Dark 153....	Atto® RB 158....	Atto® RB Dark 159....	Atto® WL 154....	Atto® WL Dark 155....
Version	indicator + rear/brake light	indicator	indicator	rear/brake light	rear/brake light	position light	position light
Indicator	✓	✓	✓				
Rear/brake light	✓			✓	✓		
Position light						✓	✓
ECE-tested for front		motorcycles	motorcycles			all vehicles	all vehicles
ECE-tested for rear	motorcycles	motorcycles	motorcycles	motorcycles	motorcycles		
If installed properly no MOT test necessary	✓	✓	✓	✓	✓	✓	✓
Kellermann HighPower LED Technology	✓	✓	✓	✓	✓	✓	✓
Power intake in watt approx.	1/1/1	1,5	1,5	1/1	1/1	1,5	1,5
Glass colour	clear	clear	strongly tinted	clear	strongly tinted	clear	strongly tinted
Light colour	red/yellow	yellow	yellow	red	red	white	white
Measure: Length / ø max. (mm) approx.	14 / 10	14 / 10	14 / 10	14 / 10	14 / 10	14 / 10	14 / 10
Mounting	M5x0,5x6,5 mm	M5x0,5x6,5 mm	M5x0,5x6,5 mm	M5x0,5x6,5 mm	M5x0,5x6,5 mm	M5x0,5x6,5 mm	M5x0,5x6,5 mm
Almost unlimited life due to IC operated LED operation: Longlife Protection Guard®	✓	✓	✓	✓	✓	✓	✓
More safety due to brightness and direct response of LED	✓	✓	✓	✓	✓	✓	✓
Reverse battery protection	✓	✓	✓	✓	✓	✓	✓
Suitable for DC applications	12V	12V	12V	12V	12V	12V	12V
Comprehensive spare parts/ equipment programme	✓	✓	✓	✓	✓	✓	✓
Possibly electronic equipment is needed (pages 69- 73)	✓	✓	✓	✓	✓	✓	✓
							


Functions micro S + Rhombus S

	micro S DF Dark 163.100	micro S Dark 162.100	Rhombus S DF Dark 169....	Rhombus S Dark 168....	Rhombus S Extreme 167....
Version	indicator + rear/brake light	indicator	indicator + rear/brake light	indicator	indicator
Indicator	✓	✓	✓	✓	✓
Rear/brake light	✓		✓		
ECE-tested for front		motorcycles		motorcycles	all vehicles
ECE-tested for rear	motorcycles	motorcycles	motorcycles	motorcycles	all vehicles
If installed properly no MOT test necessary	✓	✓	✓	✓	✓
Kellermann HighPower LED Technology	✓	✓	✓	✓	✓
Power intake in watt approx.	1/1/1	2,5	1/1/1	2,5	2,5
Glass colour	strongly tinted	strongly tinted	strongly tinted	strongly tinted	clear
Light colour	red/red/yellow	yellow	red/red/yellow	yellow	yellow
Measure: Length (without thread)/ Height/depth (mm) approx.	34,5/10/10,5	34,5/10/10,5	35/11,5/11,5	35/11,5/11,5	35/11,5/11,5
Mounting	M5x0,5x6,5 mm	M5x0,5x6,5 mm	M5x0,5x6,5 mm	M5x0,5x6,5 mm	M5x0,5x6,5 mm
Almost unlimited life due to IC operated LED operation: Longlife Protection Guard®	✓	✓	✓	✓	✓
More safety due to brightness and direct response of LED	✓	✓	✓	✓	✓
Reverse battery protection	✓	✓	✓	✓	✓
Suitable for DC applications	12V	12V	12V	12V	12V
Comprehensive spare parts/ equipment programme	✓	✓	✓	✓	✓
Possibly electronic equipment is needed (pages 69-73)	✓	✓	✓	✓	✓
					

Functions Bullet 1000® Series

	Bullet 1000® DF 180....	Bullet 1000® Dark 184.100	Bullet 1000® Extreme 182....	Bullet 1000® PL white 183....	Bullet 1000® PL 181....	Bullet 1000® RB 186....
Version	indicator + rear/brake light	indicator	indicator	indicator + position light	indicator + position light	rear/brake light
Indicator	✓	✓	✓	✓	✓	
Rear/brake light	✓					✓
Position light				✓	✓	
Automatic deactivation of the position light when indicator is activated				✓	✓	
ECE-tested for front		motorcycles	all vehicles	all vehicles	motorcycles	
ECE-tested for rear	motorcycles	motorcycles	all vehicles			motorcycles
If installed properly no MOT test necessary	✓	✓	✓	✓	✓	✓
Kellermann HighPower LED Technology	✓	✓	✓	✓	✓	✓
Power intake in watt approx.	1,5 / 1,5	3	3	1,5 / 1,5	3 / 1,5	1 / 2
Glass colour	clear	strongly tinted	clear	clear	clear	clear
Light colour	red / yellow	yellow	yellow	white / yellow	yellow / yellow	red
Measure: Length / ø max. (mm) approx.	50 / 39	50 / 39	50 / 39	50 / 39	50 / 39	50 / 39
Mounting	M8x20 mm	M8x20 mm	M8x20 mm	M8x20 mm	M8x20 mm	M8x20 mm
Almost unlimited life due to IC operated LED operation: Longlife Protection Guard®	✓	✓	✓	✓	✓	✓
More safety due to brightness and direct response of LED	✓	✓	✓	✓	✓	✓
Reverse battery protection	✓	✓	✓	✓	✓	✓
Suitable for DC applications	12V	12V	12V	12V	12V	12V
Comprehensive spare parts / equipment programme	✓	✓	✓	✓	✓	✓
Possibly electronic equipment is needed (pages 69-73)	✓	✓	✓	✓	✓	✓
						

Functions micro 1000® Series

	micro 1000® DF 140....	micro 1000® DF Dark 143....	micro 1000® Dark 142....	micro 1000® Extreme 160....	micro 1000® PL 141....	micro 1000® LED white 127....	micro 1000® LED 125....	micro 1000® Halogen 123....
Version	indicator + rear/brake light	indicator + rear/brake light	indicator	indicator	indicator + position light	indicator	indicator	indicator
Indicator	✓	✓	✓	✓	✓	✓	✓	✓
Rear/brake light	✓	✓						
Position light					✓			
ECE-tested for front			motorcycles	all vehicles	motorcycles	motorcycles	motorcycles	
ECE-tested for rear	all vehicles	motorcycles	motorcycles	all vehicles		motorcycles	motorcycles	motorcycles
If installed properly no MOT test necessary	✓	✓	✓	✓	✓	✓	✓	✓
Halogen technique								✓
Kellermann HighPower LED Technology	✓	✓	✓	✓	✓	✓	✓	
Power intake in watt approx.	2 / 1 / 2	1 / 1 / 1	3	3	1 / 1	2,5	2,5	6
Glass colour	clear	strongly tinted	strongly tinted	clear	clear	clear	amber	amber
Light colour	red / yellow	red / yellow	yellow	yellow	white / yellow	yellow	yellow	yellow
Measure: Length (without thread) / Height / depth (mm) approx.	72 / 18 / 17	72 / 18 / 17	72 / 18 / 17	72 / 18 / 17	72 / 18 / 17	72 / 18 / 17	72 / 18 / 17	72 / 18 / 17
Mounting	M8x20 mm	M8x20 mm	M8x20 mm	M8x20 mm	M8x20 mm	M8x20 mm	M8x20 mm	M8x20 mm
Almost unlimited life due to IC operated LED operation: Longlife Protection Guard®	✓	✓	✓	✓	✓	✓	✓	
More safety due to brightness and direct response of LED	✓	✓	✓	✓	✓	✓	✓	
Reverse battery protection	✓	✓	✓	✓	✓	✓	✓	
Suitable for DC applications	12V	12V	12V	12V	12V/6V	12V/6V	12V/6V	12V
Comprehensive spare parts / equipment programme	✓	✓	✓	✓	✓	✓	✓	✓
Possibly electronic equipment is needed (pages 69-73)	✓	✓	✓	✓	✓	✓	✓	✓
								

Functions micro Rhombus Series

	micro Rhombus DF 146....	micro Rhombus DF Dark 149....	micro Rhombus Dark 148....	micro Rhombus Extreme 166....	micro Rhombus PL 147....	micro Rhombus 126....
Version	indicator + rear/brake light	indicator + rear/brake light	indicator	indicator	indicator + position light	indicator
Indicator	✓	✓	✓	✓	✓	✓
Rear/brake light	✓	✓				
Position light					✓	
ECE-tested for front			motorcycles	all vehicles	motorcycles	motorcycles
ECE-tested for rear	motorcycles	motorcycles	motorcycles	all vehicles		motorcycles
If installed properly no MOT test necessary	✓	✓	✓	✓	✓	✓
Kellermann HighPower LED Technology	✓	✓	✓	✓	✓	✓
Power intake in watt approx.	1/1/1	1/1/1	3	3	1/1	2,5
Glass colour	clear	strongly tinted	strongly tinted	clear	clear	clear
Light colour	red/yellow	red/yellow	yellow	yellow	white / yellow	yellow
Mesure: Length (without thread)/ Height/depth (mm) approx.	79 / 23 / 21	79 / 23 / 21	79 / 23 / 21	79 / 23 / 21	79 / 23 / 21	79 / 23 / 21
Mounting	M8x20 mm	M8x20 mm	M8x20 mm	M8x20 mm	M8x20 mm	M8x20 mm
Almost unlimited life due to IC operated LED operation: Longlife Protection Guard®	✓	✓	✓	✓	✓	✓
More safety due to brightness and direct response of LED	✓	✓	✓	✓	✓	✓
Reverse battery protection	✓	✓	✓	✓	✓	✓
Suitable for DC applications	12V	12V	12V	12V	12V/6V	12V/6V
Comprehensive spare parts/ equipment programme	✓	✓	✓	✓	✓	✓
Possibly electronic equipment is needed (pages 69-73)	✓	✓	✓	✓	✓	✓
						

Functions BL 1000/BL 2000 Series

	BL 2000 110....	BL 1000 Dark 122....	BL 1000 LED 120....	BL 1000 yellow 124....
Version	handlebar end indicator	handlebar end indicator	handlebar end indicator	handlebar end indicator
Indicator	✓	✓	✓	✓
ECE-tested for front	motorcycles	motorcycles	motorcycles	motorcycles
If installed properly no MOT test necessary	✓	✓	✓	✓
Used lenses	1	2	2	2
Halogen technique				✓
Kellermann HighPower LED Technology	✓	✓	✓	
Power intake in watt approx.	4	4	4	21
Glass colour	tinted / clear	strongly tinted	clear	amber
Light colour	yellow	yellow	yellow	yellow
Mesure: Length (without thread)/ Height/depth (mm) approx.	24 / 29 / 29	59 / 32,5 / 30	59 / 32,5 / 30	65 / 36 / 30
Mounting	vibration damping clamp	vibration damping clamp	vibration damping clamp	vibration damping clamp
Almost unlimited life due to IC operated LED operation: Longlife Protection Guard®	✓	✓	✓	
More safety due to brightness and direct response of LED	✓	✓	✓	
Reverse battery protection	✓	✓	✓	
Suitable for DC applications	12V	12V	12V	12V
Comprehensive spare parts/ equipment programme	✓	✓	✓	✓
Possibly electronic equipment is needed (pages 69-73)	✓	✓	✓	✓
				

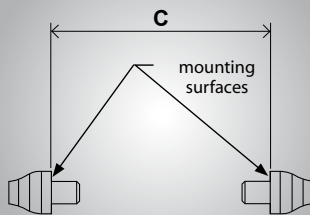
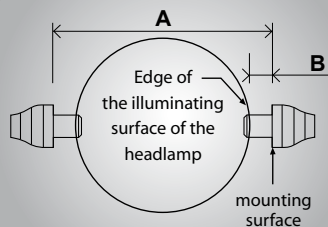
Measurements

Specified min. distance	front	between both light emission surfaces of the indicators	240 mm
		between the light emission surface of the middle headlamp and the light emission surface of the indicator according to ECE 50 (all except Extreme indicator)	75 mm
		between the light emission surface of the middle headlamp and the light emission surface of the indicator according to ECE 6 (Extreme indicator)	20 mm
Specified min. distance	rear	between both light emission surfaces of the indicators	180 mm
		vertically to the ground	350 mm
		from the last point of the motorcycle to the front	300 mm
Specified min. distance rear-/brakelight and position light	front/ rear	vertically to the ground	250 mm

From this the following min. distances for Kellermann indicators are:

Atto® DF	rear	C	distance of the mounting surfaces to each other	164 mm
Atto®/ Atto® Dark	front	A	distance of the mounting surfaces to each other	232 mm
		B	between the light emission surface of the middle headlamp and the mounting surface of the indicator	66 mm
		C	distance of the mounting surfaces to each other	172 mm
micro S DF Dark	hinten	C	distance of the mounting surfaces to each other	128 mm
micro S Dark	front	A	distance of the mounting surfaces to each other	216 mm
		B	between the light emission surface of the middle headlamp and the mounting surface of the indicator	63 mm
		C	distance of the mounting surfaces to each other	156 mm
Rhombus S DF Dark	rear	C	distance of the mounting surfaces to each other	136 mm
Rhombus S Dark	front	A	distance of the mounting surfaces to each other	222 mm
		B	between the light emission surface of the middle headlamp and the mounting surface of the indicator	66 mm
		C	distance of the mounting surfaces to each other	162 mm
Rhombus S Extreme	front	A	distance of the mounting surfaces to each other	222 mm
		B	between the light emission surface of the middle headlamp and the mounting surface of the indicator	11 mm
		C	distance of the mounting surfaces to each other	162 mm
Bullet 1000® DF	hinten	C	distance of the mounting surfaces to each other	138 mm
Bullet 1000® Dark	front	A	distance of the mounting surfaces to each other	208 mm
		B	between the light emission surface of the middle headlamp and the mounting surface of the indicator	59 mm
		C	distance of the mounting surfaces to each other	148 mm
Bullet 1000® Extreme	front	A	distance of the mounting surfaces to each other	204 mm
		B		3 mm
		C	distance of the mounting surfaces to each other	146 mm
Bullet 1000® PL White	front	A	distance of the mounting surfaces to each other	197 mm
		B	between the light emission surface of the middle headlamp and the mounting surface of the indicator	1 mm

Bullet 1000® PL	front	A	distance of the mounting surfaces to each other	204 mm
		B	between the light emission surface of the middle headlamp and the mounting surface of the indicator	58 mm
micro 1000® DF & DF Dark	rear	C	distance of the mounting surfaces to each other	82 mm
micro 1000® Dark	front	A	distance of the mounting surfaces to each other	169 mm
		B	between the light emission surface of the middle headlamp and the mounting surface of the indicator	35 mm
	rear	C	distance of the mounting surfaces to each other	109 mm
micro 1000® Extreme	front	A	distance of the mounting surfaces to each other	169 mm
		B	between the light emission surface of the middle headlamp and the mounting surface of the indicator	0 mm
	rear	C	distance of the mounting surfaces to each other	109 mm
micro 1000® PL	front	A	distance of the mounting surfaces to each other	142 mm
		B	between the light emission surface of the middle headlamp and the mounting surface of the indicator	21 mm
micro 1000® LED & LED White	front	A	distance of the mounting surfaces to each other	155 mm
		B	between the light emission surface of the middle headlamp and the mounting surface of the indicator	28 mm
	rear	C	distance of the mounting surfaces to each other	95 mm
micro 1000® Halogen	rear	C	distance of the mounting surfaces to each other	126 mm
micro Rhombus DF & DF Dark	rear	C	distance of the mounting surfaces to each other	86 mm
micro Rhombus Dark	front	A	distance of the mounting surfaces to each other	178 mm
		B	between the light emission surface of the middle headlamp and the mounting surface of the indicator	39 mm
	rear	C	distance of the mounting surfaces to each other	118 mm
micro Rhombus Extreme	front	A	distance of the mounting surfaces to each other	178 mm
		B	between the light emission surface of the middle headlamp and the mounting surface of the indicator	0 mm
	rear	C	distance of the mounting surfaces to each other	118 mm
micro Rhombus PL	front	A	distance of the mounting surfaces to each other	146 mm
		B	between the light emission surface of the middle headlamp and the mounting surface of the indicator	23 mm
micro Rhombus	front	A	distance of the mounting surfaces to each other	164 mm
		B	between the light emission surface of the middle headlamp and the mounting surface of the indicator	32 mm
	rear	C	distance of the mounting surfaces to each other	104 mm



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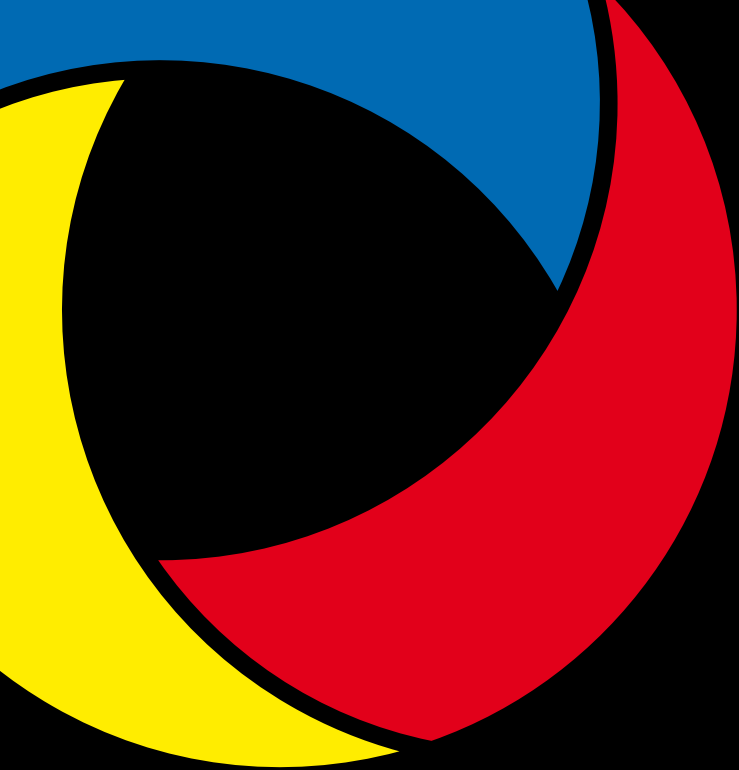
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