



Kellermann
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TRENDSETTER
The Original



2018



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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 to regulate the flashing rate.

** 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 thread**
- **Replaceable flexible rubber adapter protects the indicator from vibration damage and vandalism**



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®

5



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 to regulate the flashing rate.

** 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 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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page 72





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micro 1000® DF & micro 1000® DF Dark

Made in Germany®

3 years warranty

Simply Triple

Our innovative indicator-brake-rear 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 tail light 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 to regulate the flashing rate.

** 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 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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micro 1000® Dark

Made in Germany®

3 years warranty

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 to regulate the flashing rate.

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

ECE-tested for front and rear

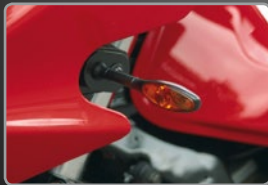
- **Strongly tinted glass – spectacularly bright**
- **Kellermann HighPower LED Technology**
- **Longlife Protection Guard®, IC operated, 330 kHz**
- **High quality metal housing**
- **Suitable for 12 volt DC applications**
- **With M8x20 thread**
- **Replaceable flexible rubber adapter which protects 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® 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 to regulate the flashing rate.

** 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 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 to regulate the flashing rate.

ECE-tested for rear

- **6 watt halogen lamp**
- **High quality metal housing**
- **Suitable for 12 volt DC applications**
- **With M8x20 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 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. Never before has there been 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 to regulate the flashing rate.

** 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 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 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 to regulate the flashing rate.

** 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 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 DF & micro Rhombus DF Dark

Made in Germany®

3 years warranty

Simply Triple

Our innovative indicator-brake-rear 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 to regulate the flashing rate.

** 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 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 to regulate the flashing rate.

** 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 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
* front left / rear right ** front right / rear left	2 black FR/RL**	148.150	one

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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 to regulate the flashing rate.

** 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 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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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 to regulate the flashing rate.

** 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 fastening screw**
- **European design protection**

NEW

Atto® chrome

expected launch of sales
end of March 2018



Item	Style	Item No.	Unit
Atto® with clear glas	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





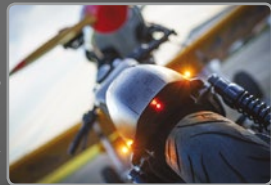
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Atto® RB & Atto® RB Dark

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 probably the world's smallest street legal rear and break light for motorcycles. The Atto®/Atto® Dark already defined a completely new category of indicators: sensationally small and spectacularly bright. The new rear and break 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 break light will only grab your attention when it really has to!

The break 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 break light can be plugged into the 12 volt net directly.*

* Possibly electronic equipment is needed to regulate the flashing rate.

** 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 fastening screw**
- **European design protection**

NEW

Atto® RB chrome / Atto® RB Dark

expected launch of sales
beginning of April 2018

Atto® RB series vertical mounting

expected launch of sales
end of April 2018

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Atto® RB



Atto® RB Dark



Item	Style	Item No.	Unit
Atto® RB with clear glas 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 glas 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-bikes.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-R 6/R 7).

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 to regulate the flashing rate.

** 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**
- **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 fastening screw**
- **European design protection**

NEW

Atto® WL series

expected launch of sales
beginning of April 2018



Item	Style	Item No.	Unit
Atto® WL with clear glas	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

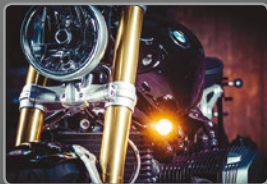




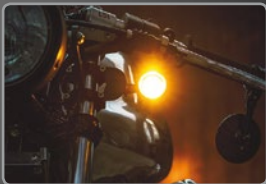
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Bullet 1000® Extreme

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 four different technical versions: Extreme indicator, indicator with yellow or white position light and indicator with rear and break 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 to regulate the flashing rate.

** 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

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

- **Special flashing effect**
- **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 fastening screw**
- **European design protection**

Item	Style	Item No.	Unit	Equipment
Bullet 1000® Extreme with clear glass	1 chrome	182.100	one	page 60 Electronic equipment pages 62-65
	2 black	182.200	one	Functions page 75





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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 four different technical versions: Extreme indicator, indicator with yellow or white position light and indicator with rear and break 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 to regulate the flashing rate.

** 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**
- **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 fastening screw**
- **European design protection**

Item

Style

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Unit

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Bullet 1000® PL
with clear glass

1 chrome

181.100

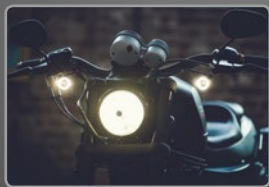
one

2 black

181.200

one





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 four different technical versions: Extreme indicator, indicator with yellow or white position light and indicator with rear and break 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 to regulate the flashing rate.

** 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 fastening screw**
- **European design protection**

Item	Style	Item No.	Unit	Equipment
Bullet 1000® PL white with clear glass	1 chrome	183.100	one	page 60 Electronic equipment pages 62-65
	2 black	183.200	one	Functions page 75





Kellermann & your bike

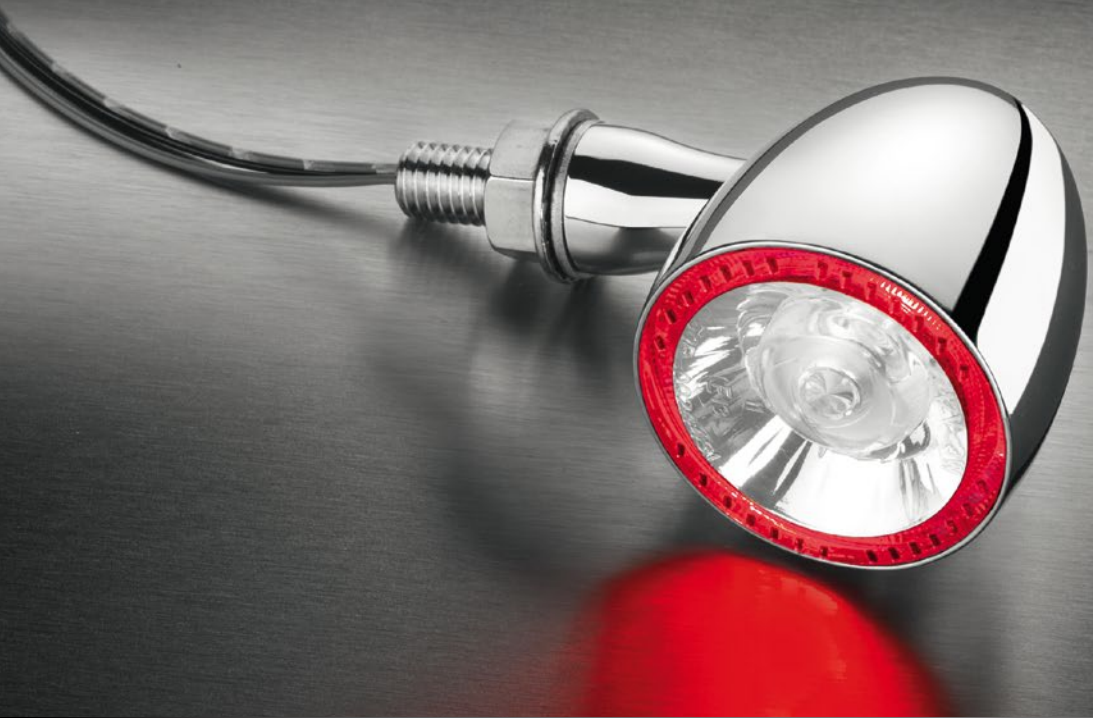




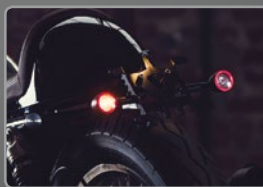








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Bullet 1000® DF

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 four different technical versions: Extreme indicator, indicator with yellow or white position light and indicator with rear and break light.

Bullet 1000® DF

The Bullet 1000® DF is a rear indicator in combination with a rear and break light function. It replaces the existing indicators, break and rear light. The light of the continuously glowing red rings give the tail of the motorcycle a spectacular look**. When breaking, the light circle of the break 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 or Bullet 1000® Extreme in the front are the perfect combination for your motorcycle.*

* Possibly electronic equipment is needed to regulate the flashing rate.

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

ECE-tested for rear

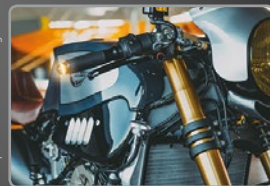
- **Replaces the existing rear/break light as well as indicators**
- **Unique and homogeneous light ring**
- **Extreme light power**
- **HPT® - Homogenous Projection Technology**
- **Kellermann HighPower LED Technology**
- **Longlife Protection Guard®, IC operated, 330 kHz**
- **High quality metal housing**
- **Suitable for 12 volt DC applications**
- **With M8 x 20 fastening screw**
- **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	page 60 Electronic equipment pages 62-65
	2 black	180.200	one	Functions page 75





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© <http://www.partsworldshop.com>

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 to regulate the flashing rate.

** 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 1000 PL

Made in Germany®

3 years warranty

Showtime

See and be seen: the BL 1000 PL offers a high brightness integrated position light with the indicator. A newly proportioned housing shape creates a clean line at the handlebar end. Our special control technology** and modern high-performance-LEDs improve the visibility and the speed recognition. Connected about the instrument lighting, the increased power and crystalclear double look gives the impression of daylight-bright lights. As usual, the BL 1000 PL alsodampens the vibrations of the handlebar. All necessary adapters are supplied for mounting on to most model handlebars*.

* Possibly electronic equipment is needed to regulate the flashing rate.

** 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**
- **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**



red*dot* design award
honourable mention 2011

Item

Style

Item No.

Unit

BL 1000 PL
with clear glass

1 chrome 121.100 one

2 black 121.200 one

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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 to regulate the flashing rate.

** 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

Equipment
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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 to regulate the flashing rate.

** 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 white

Made in Germany®

3 years warranty

Tried and tested shape, modern look

The BL 1000 white perfectly combines the function of an indicator and a handlebar vibration damping.

It will win you over with its proven technology, classical elegance and its xenon-blue reflective look.

All necessary adapters are supplied for mounting on to most model handlebars.

ECE-tested for front

- **Clear glass look with xenon-blue reflective look**
- **Handlebar vibration damping function**
- **21 watt halogen lamp**
- **High quality metal housing**
- **Suitable for 12 volt DC applications**

Item	Style	Item No.	Unit
Increased handlebar vibration damping (heavy version)	1 Brass chrome highly polished	128.100	one
	2 Brass black	128.700	one
Lighter weight handlebar vibration damping (light version)	3 Aluminium satin matt honed	128.210	one
	1 Aluminium polished	128.300	one
	2 Aluminium black	128.600	one



1



2



3



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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.

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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Equipment micro series

Item	Style	Item No.	Unit	Item	Style	Item No.	Unit		
Flexible rubber adapter 2018	1	M8 x 40	123.610	one	Adapter M8-M12	12	123.810	one	
	2	M8 x 20	123.620	one	Halogen lamp 12V/H6W	13	123.900	one	
Rigid mounting M8 x 20	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 40 (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, 27 x 7 mm	123.955	one
Ball head adapter for angled applications	7	black	123.735	one		17	set of 5, 27 x 7 mm	123.956	one
Extension 10 mm, M6	8	chrome	123.870	one	Posi-Lock cable connector MINI	18	set of 5, 19 x 5 mm	123.957	one
	9	black	123.872	one					
Extension 30 mm, M8	10	chrome	123.635	one					
	11	black	123.630	one					



Equipment Atto® series

Item	Style	Item No.	Unit	Item	Style	Item No.	Unit
Mounting plate C Fitting on most models of different brands, e.g. Aprilia, BMW, Ducati, Moto Guzzi, Honda, Triumph	1 black	152.750	pair	Rigid mounting M10 x 20	5 black	152.812	one
				Rigid mounting M8 x 40	6 black	152.822	one
Adapter plate handlebar HD	2	152.755	pair	Rigid mounting M8 x 20	7 black	152.852	one
Mounting panel 174 mm	3	152.758	one	Extension 15 mm, M5	8 black	152.872	one
Mounting panel 204 mm	4	152.759	one				



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

Mounting plates / Equipment Bullet 1000® series

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 k it	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 Bullet 1000® series

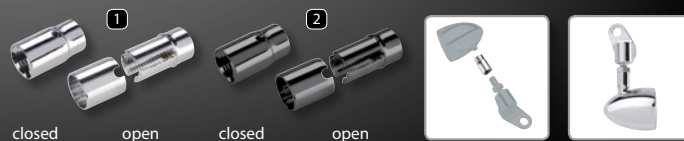
Item	Style	Item No.	Unit
Rigid mounting M8 x 20	1 chrome	180.850	one
	2 black	180.852	one
Rigid mounting M8 x 40 (Harley)	3 chrome	180.820	one
	4 black	180.822	one
Extension 30 mm, M8	5 chrome	123.635	one
	6 black	123.630	one



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.	Unit
Bullet Adapter HD	1 chrome	180.730	one
	2 black	180.735	one



Equipment BL series

Equipment

for all BL 1000/BL 2000

Item	Style	Item No.	Unit
Posi-Lock cable connector	1 set of 9, 27x7 mm	123.955	one
	1 set of 5, 27x7 mm	123.956	one
Posi-Lock cable connector MINI	2 set of 5, 19x5 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 (yellow)	6 only for BL 1000 yellow	100.902	one
BL 1000 R glass (yellow)	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



From old make new:

The exchange components of the BL 1000 white can also be easily interchanged with components used for the yellow glass BL 1000.

* Increased handlebar vibration damping (heavy version)

** Lighter weight handlebar vibration damping

Exchange Component Options

BL1000 exchange component options

Item	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

BL1000 white exchange component options

Item	Item No.	Unit
Brass chrome highly polished*	128.101	one
Brass black*	128.701	one
Aluminium satin matt honed**	128.211	one
Aluminium polished**	128.301	one
Aluminium black**	128.601	one



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 multifunctional 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 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 2	123.950	one	Usage of micro 1000 [®] Halogen indicators instead of original 21 watt indicators - 1 piece per indicator
i.LOAD - IL 7,5 3	123.952	one	Usage of Kellermann LED indicators instead of original 21 watt indicators - 1 piece per indicator
i.LOAD - IL 27 4	123.954	one	Usage of Kellermann LED indicators instead of original 10 watt indicators - 1 piece per indicator

i.BOS - to adjust inaccurate cockpit displays

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 - EL1 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 2	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 3	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, break 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 1 for vehicles originally equipped with 12 volt indicator voltage	123.967	set	e. g. when installing • 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, break light) on vehicles with indicators running on minus, e. g. Indian Scout
i.SED - V6 1 for vehicles originally equipped with 5-9 volt indicator voltage	123.966	set	e. g. when installing • 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, break light)

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.

Flasher Relay R 1

Made in Germany®

3 years warranty

Micro relay for the pros

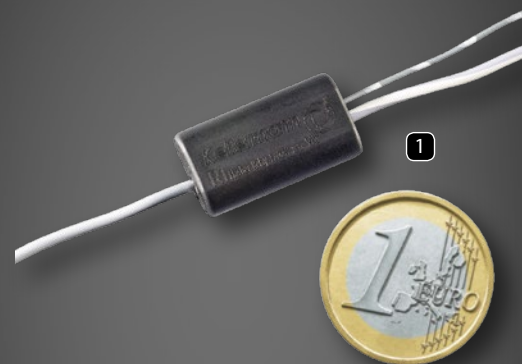
The R 1 flasher relay has very small dimensions and flashes independently of load at a steady 75 pulses per minute. It also has a connection available for the flasher dashboard light. It is easily installed into the feed to the indicator switch, or can be swapped with the original 2-3 pole flasher relay. 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 0,5-50 watt**
- **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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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.

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*.

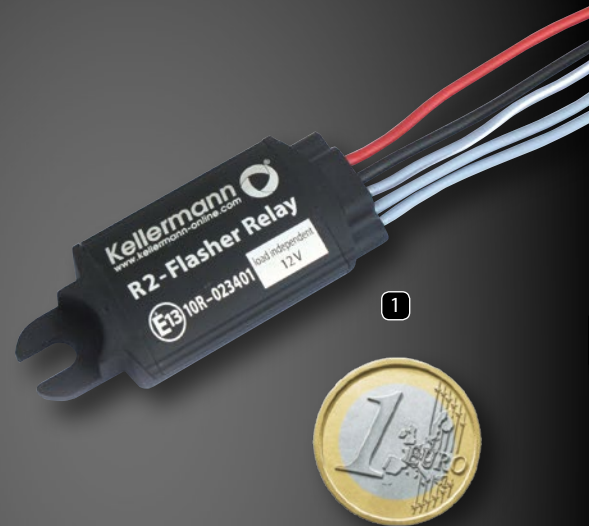
All necessary components required for installation are included.

* 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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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.

Item	Item No.	Unit
Flasher relay R2	1 123.970	one



Indicate, Warn, Alarm, Break, 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, und 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 of 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 breaking will create a flashing break light that will urgently warn the following traffic.

The starter assistant lets the engine start after the hand break 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

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

- 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
- **NEW** 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

Functions page 77



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.

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



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

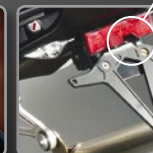
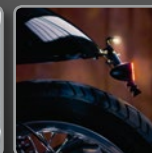
- **Compact micro size**
- **Pure white light (CRI > 80)***
- **High quality metal housing**
- **Suitable for 12 volt DC applications**



red dot award 2014
winner



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 69).

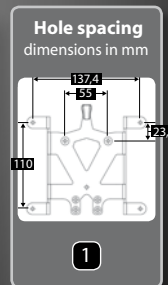
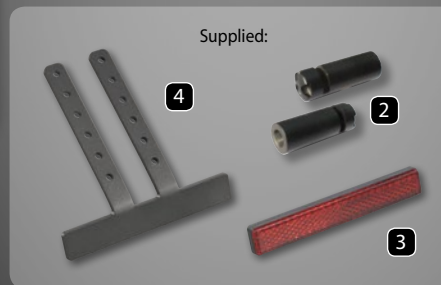
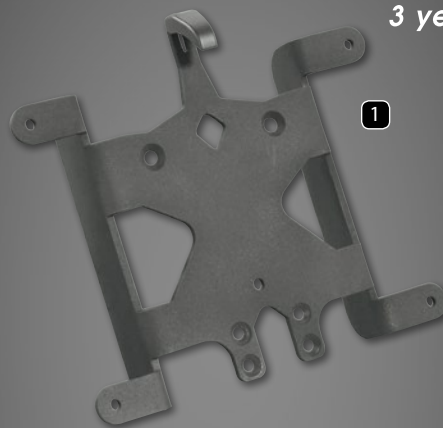
ECE-tested

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

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

Accessories for KH 2000 series

Bracket M8 x 30, black	2 170.832	one
Reflector 100x13 mm (with M5 thread bolt)	3 170.830	one
Reflector carrier	4 170.831	one



License Plate Holders KH 1000

Made in Germany®

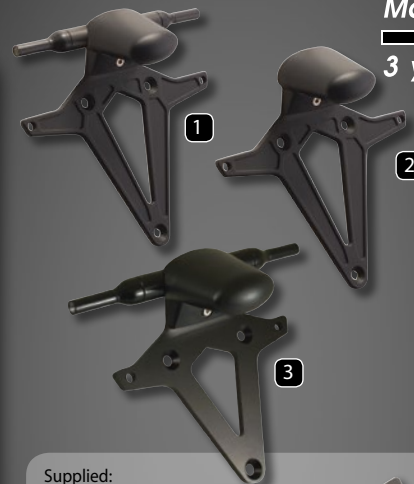
3 years warranty

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 (for Kellermann micro 1000® series). The indicator holder is matched to the Kellermann micro 1000® series. M8 and M10 adapters available for use with other manufacturers' indicators. For license plate holders smaller than the German norm, there is also now a smaller model (3) of the license plate holder available. Because of the modular build of the KH 1000 you can determine shape, function and design.*

* Vehicle-specific adapters are used (see page 69).

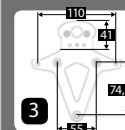
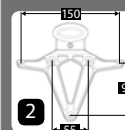
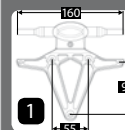
- **CNC-milled**
- **Lightweight construction**
- **Many variation possibilities**



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)	4	170.810	one
Reflector carrier	5	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
KH 1000 small with indicator holder	3 black	170.405	one



© <http://www.ktmoto.de>



Vehicle Adapters

Made in Germany®

3 years warranty

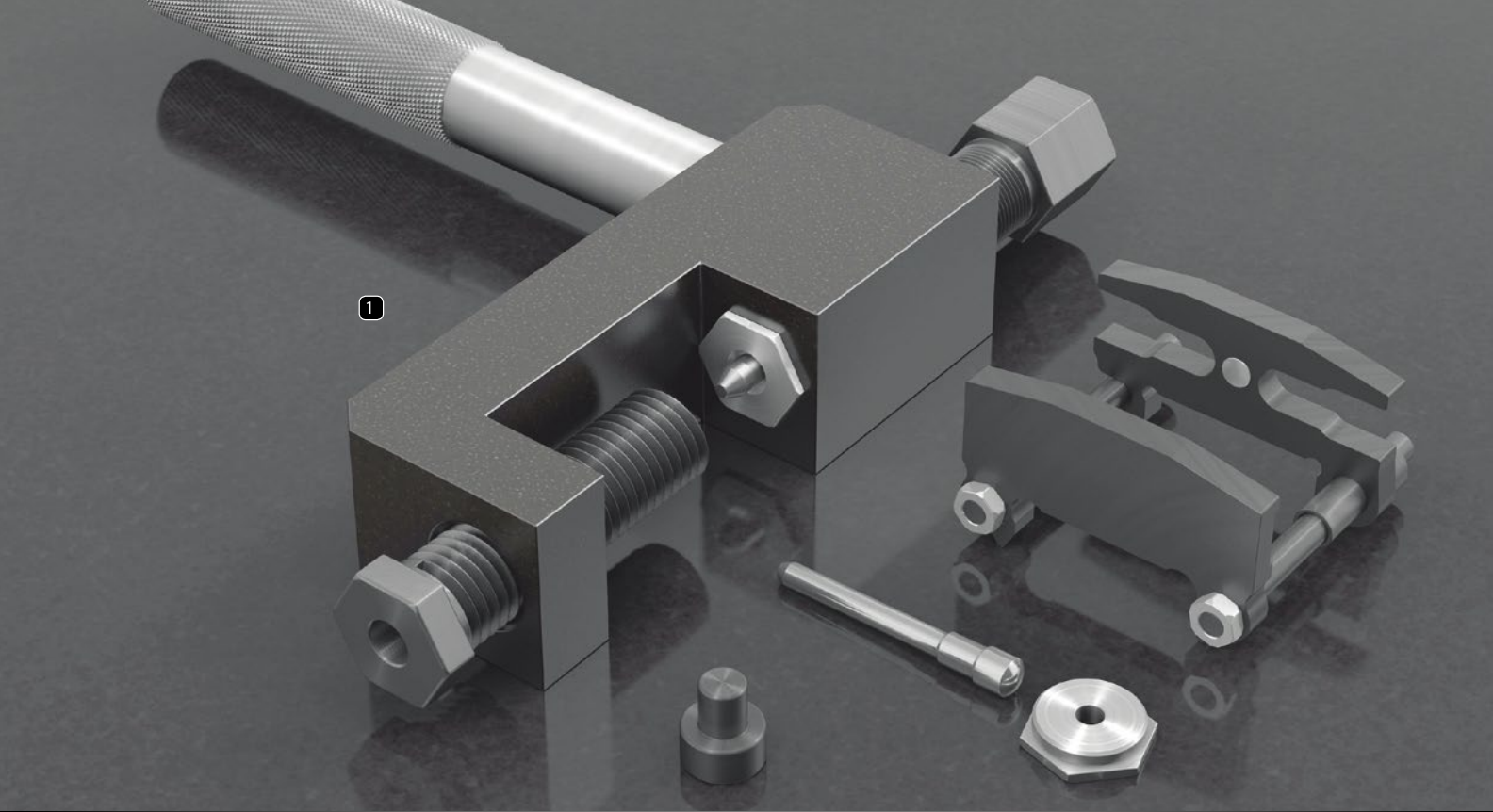
Item	Style	Item No.	Unit
BMW			
R 1100 S MJ 98-05	black	175.005	one
R nineT	1 black	175.007	one
Honda			
CBR 600 RR MJ 03-06	black	173.015	one
CBR 600 RR MJ 07-10	2 black	173.016	one
CBR 900 RR MJ 02-03	black	173.005	one
VFR 800 V-Tec MJ 02-05 (KH 170.450 recommended)	black	173.035	one
Suzuki			
Suzuki B-King	3 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	4 black	171.017	one
GSXR 1000 MJ 03-04	black	171.005	one

Item	Style	Item No.	Unit
GSXR 1000 MJ 05-06	black	171.006	one
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	5 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	6 black	176.046	one
XT 660 X 04-05	7 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.



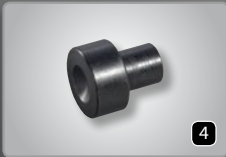
1



2



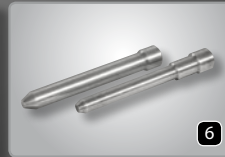
3



4



5



6



7

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:



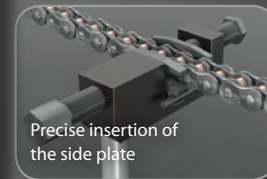
<http://www.kellermann-online.com/en/produkte/detail/130.150>



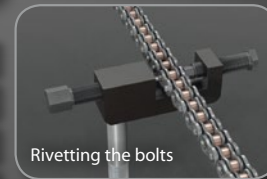
Breaking the chain



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, fixing screw, pressure screw)	7 130.260	set

*applicable for KTW 2.0 and KTW 2.5









Functions micro 1000® series

	micro 1000® Extreme 160....	micro 1000® PL 141....	micro 1000® DF 140....	micro 1000® DF Dark 143....	micro 1000® Dark 142....	micro 1000® LED white 127....	micro 1000® LED 125....	micro 1000® Halogen 123....
Version	indicator	indicator + position light	indicator + rear/brake light	indicator + rear/brake light	indicator	indicator	indicator	indicator
Indicator	✓	✓	✓	✓	✓	✓	✓	✓
Rear/brake light			✓	✓				
Position light		✓						
ECE-tested for front	all vehicles	motorcycles			motorcycles	motorcycles	motorcycles	
ECE-tested for rear	all vehicles		all vehicles	motorcycles	motorcycles	motorcycles	motorcycles	motorcycles
If installed properly no MOT test necessary	✓	✓	✓	✓	✓	✓	✓	✓
Halogen technique								✓
Kellermann HighPower LED Technology	✓	✓	✓	✓	✓	✓	✓	
Power intake in watt approx.	3	1/1	2/1/2	1/1/1	3	2,5	2,5	6
Glass colour	clear	clear	clear	strongly tinted	strongly tinted	clear	amber	amber
Light colour	yellow	yellow / white	yellow / red	yellow / red	yellow	yellow	yellow	yellow
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
Flexible rubber adapter	M8 x 20	M8 x 20	M8 x 20	M8 x 20	M8 x 20	M8 x 20	M8 x 20	M8 x 20
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/6V	12V	12V	12V	12V/6V	12V/6V	12V
Comprehensive spare parts/ equipment programme	✓	✓	✓	✓	✓	✓	✓	✓
Possibly electronic equipment is needed to regulate the flashing rate (pages 62 - 65)	✓	✓	✓	✓	✓	✓	✓	✓
								


Functions micro Rhombus series

	micro Rhombus Extreme 166....	micro Rhombus PL 147....	micro Rhombus DF 146....	micro Rhombus DF Dark 149....	micro Rhombus Dark 148....	micro Rhombus 126....
Version	indicator	indicator + position light	indicator + rear/brake light	indicator + rear/brake light	indicator	indicator
Indicator	✓	✓	✓	✓	✓	✓
Rear/brake light			✓	✓		
Position light		✓				
ECE-tested for front	all vehicles	motorcycles			motorcycles	motorcycles
ECE-tested for rear	all vehicles		motorcycles	motorcycles	motorcycles	motorcycles
If installed properly no MOT test necessary	✓	✓	✓	✓	✓	✓
Kellermann HighPower LED Technology	✓	✓	✓	✓	✓	✓
Power intake in watt approx.	3	1/1	1/1/1	1/1/1	3	2,5
Glass colour	clear	clear	clear	strongly tinted	strongly tinted	clear
Light colour	yellow	yellow / white	yellow / red	yellow / red	yellow	yellow
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
Flexible rubber adapter	M8 x 20	M8 x 20	M8 x 20	M8 x 20	M8 x 20	M8 x 20
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/6V	12V	12V	12V	12V/6V
Comprehensive spare parts/ equipment programme	✓	✓	✓	✓	✓	✓
Possibly electronic equipment is needed to regulate the flashing rate (pages 62-65)	✓	✓	✓	✓	✓	✓
						

Functions Atto® series

	Atto® 152....	Atto® Dark 153....	Atto® RB 158....	Atto® RB Dark 159....	Atto® WL 154....	Atto® WL Dark 155....
Version	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		
If installed properly no MOT test necessary	✓	✓	✓	✓	✓	✓
Kellermann HighPower LED Technology	✓	✓	✓	✓	✓	✓
Power intake in watt approx.	1,5	1,5	1/1	1/1	1,5	1,5
Glass colour	clear	strongly tinted	clear	strongly tinted	clear	strongly tinted
Light colour	yellow	yellow	red	red	white	white
Length (without thread) Height/depth (mm) approx.	14 / 10	14 / 10	14 / 10	14 / 10	14 / 10	14 / 10
Mounting	M5 x 0,5 x 6,5	M5 x 0,5 x 6,5	M5 x 0,5 x 6,5	M5 x 0,5 x 6,5	M5 x 0,5 x 6,5	M5 x 0,5 x 6,5
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 to regulate the flashing rate (pages 62 - 65)	✓	✓	✓	✓	✓	✓
						

Functions Bullet 1000® series

	Bullet 1000® Extreme 182.....	Bullet 1000® PL 181.....	Bullet 1000® PL white 183.....	Bullet 1000® DF 180.....
Version	indicator	indicator + position light	indicator + position light	indicator + rear/brake light
Indicator	✓	✓	✓	✓
Rear/brake light				✓
Position light		✓	✓	
Automatic deactivation of the position light when indicator is activated		✓	✓	
ECE-tested for front	all vehicles	motorcycles	all vehicles	
ECE-tested for rear	all vehicles			motorcycles
If installed properly no MOT test necessary	✓	✓	✓	✓
Kellermann HighPower LED Technology	✓	✓	✓	✓
Power intake in watt approx.	3	3/1,5	1,5/1,5	1,5/1,5
Glass colour	clear	clear	clear	clear
Light colour	yellow	yellow / yellow	yellow / white	yellow / red
Length (without thread) Height/depth (mm) approx.	50 / 39	50 / 39	50 / 39	50 / 39
Mounting	M8 x 20	M8 x 20	M8 x 20	M8 x 20
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 to regulate the flashing rate (pages 62-65)	✓	✓	✓	✓
				

Functions BL 1000 / BL 2000 series

	BL 2000 110....	BL 1000 PL 121....	BL 1000 LED 120....	BL 1000 Dark 122....	BL 1000 white 128....	BL 1000 yellow 124....
Version	handlebar end indicator	handlebar end indicator + position light	handlebar end indicator	handlebar end indicator	handlebar end indicator	handlebar end indicator
Indicator	✓	✓	✓	✓	✓	✓
Position light		✓				
ECE-tested for front	motorcycles	motorcycles	motorcycles	motorcycles	motorcycles	motorcycles
If installed properly no MOT test necessary	✓	✓	✓	✓	✓	✓
Used lenses	1	2	2	2	2	2
Halogen technique					✓	✓
Kellermann HighPower LED Technology	✓	✓	✓	✓		
Power intake in watt approx.	4	1,5 / 1,5	4	4	21	21
Glass colour	strongly tinted / clear	clear	clear	strongly tinted	clear with xenon-blue reflection	amber
Light colour	yellow	yellow / white	yellow	yellow	yellow	yellow
Length (without thread) Height/depth (mm) approx.	24 / 29 / 29	59 / 32,5 / 30	59 / 32,5 / 30	59 / 32,5 / 30	65 / 36 / 30	65 / 36 / 30
Mounting	vibration damping clamp	vibration damping clamp	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	12V	12V
Comprehensive spare parts/ equipment programme	✓	✓	✓	✓	✓	✓
Possibly electronic equipment is needed to regulate the flashing rate (pages 62 - 65)	✓	✓	✓	✓	✓	✓
						

Functions Flasher Relays / i.MAS - Multifunctional Assistance-Systems

	Flasher Relay R1 123.965	Flasher Relay R2 123.970	i.MAS – CR4® 123.980
Category	for the pros	universal problem solver	all-in-one solution
ECE-tested	✓	✓	✓
No MOT test necessary	✓	✓	✓
Indicator switching capacity	0.5 - 50 watt	0.5 - 85 watt	0.5-85 watt (max. 42.5 watt per side)
Horn switching capacity			max. 50 Watt
Load-independent smooth flashing frequency*	steady flash rate	steady flash rate	steady flash rate
No Hazard warning effect when changed to LED indicators	✓	✓**	✓
Original hazard flasher must be deactivated		O (sporadic)	✓
Convenience functions			✓
Indicator reset memory			✓
Hazard warning flasher			✓
Alarm unit			✓
Adaptive break light			✓
Starter assistant			✓
Measurements: length/width/height (mm) approx.	22 / 12 / 6	34 / 22 / 12	128 / 22 / 12
Installation hints	simple installation in feed to the indicator switch or swap the original 2-3 pole flasher relay	swap the original 2-3 pole flasher relay	swap the original 2-3 pole flasher relay
Direct connection possibility to control light indicator	✓		
High quality metal housing		✓	✓
Suitable for DC applications	12V / 6V	12V	12V

* Legal flashing frequency: 60 times – 120 times per minute

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

***for vehicles with an indicator switch the installation of the Flasher Relay CR4® is recommended

4 indicators per motorcycles, 2 units at front, 2 units at rear (also with BL indicators)

Measurements

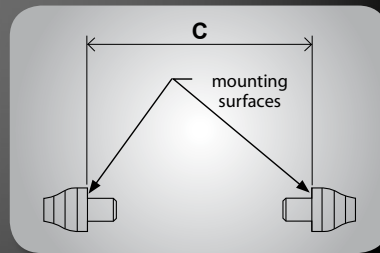
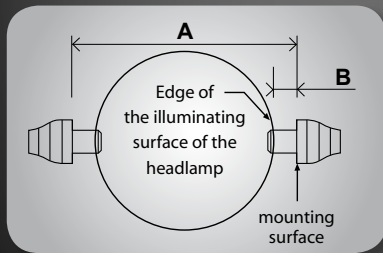
Specified min. distance	front	between both light emission surfaces of the indicators	240 mm
		between the light emission surface of the middle headlamp and the light emission surface of the indicator according to ECE 50 (all except Extreme indicator)	75 mm
		between the light emission surface of the middle headlamp and the light emission surface of the indicator according to ECE 6 (Extreme indicator)	20 mm
Specified min. distance	front	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:

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® DF & DF Dark	rear	C	distance of the mounting surfaces to each other	82 mm
micro 1000® Extreme	front	A	distance of the mounting surfaces to each other	169 mm
	rear	B	between the light emission surface of the middle headlamp and the mounting surface of the indicator	0 mm
		C	distance of the mounting surfaces to each other	109 mm
micro 1000® Dark	front	A	distance of the mounting surfaces to each other	169 mm
	rear	B	between the light emission surface of the middle headlamp and the mounting surface of the indicator	35 mm
		C	distance of the mounting surfaces to each other	109 mm
micro 1000® LED & LED white	front	A	distance of the mounting surfaces to each other	155 mm
	rear	B	between the light emission surface of the middle headlamp and the mounting surface of the indicator	28 mm
		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 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 DF & DF Dark	rear	C	distance of the mounting surfaces to each other	86 mm
micro Rhombus Extreme	front	A	distance of the mounting surfaces to each other	178 mm
	rear	B	between the light emission surface of the middle headlamp and the mounting surface of the indicator	0 mm
		C	distance of the mounting surfaces to each other	118 mm

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

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	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
Bullet 1000® Extreme	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	3 mm
	rear	C	distance of the mounting surfaces to each other	146 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
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® DF	rear	C	distance of the mounting surfaces to each other	138 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
	rear	C	distance of the mounting surfaces to each other	172 mm



imprint:

Kellermann GmbH

Jülicher Straße 336

52070 Aachen

Germany

phone: 0049 (0) 241 938 080

from USA & Canada:

011 49 241 938 080

fax: 0049(0)241 938 0816

info@kellermann-online.com



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than an Original*

