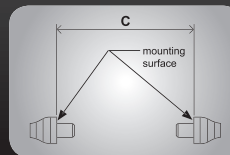
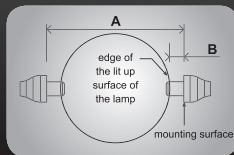


Installation Instructions

ECE-Norm lt. Guideline 93/92/EU

Number of used indicators 4 indicators per motorcycle, 2 pieces in front, 2 pieces in rear (also using BL 1000 indicators)

Distances			
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 but indicators Extreme) between the light emission surface of the middle headlamp and the light emission surface of the indicator according to ECE 6 (indicators Extreme)	75 mm 20 mm
Specified min. distance	rear	between the two light emission surfaces of the indicator	180 mm
		vertically to the ground from the last point of the motorcycle to the front	350 mm 300 mm
From this the following min. distances for Kellermann micro indicators are:			
micro 1000 PL	front	A	distance of the mounting surfaces to each other
		B	distance between the light emission surface of the middle headlamp and the mounting surface of the indicator
micro 1000 DF & DF Dark	rear	C	distance of the mounting surfaces to each other
micro 1000 Extreme	front	A	distance of the mounting surfaces to each other
		B	between the light emission surface of the middle headlamp and the mounting surface of the indicator
		C	Abstand der Anbauflächen zueinander
micro 1000 Dark	front	A	distance of the mounting surfaces to each other
		B	between the light emission surface of the middle headlamp and the mounting surface of the indicator
		C	Abstand der Anbauflächen zueinander
micro 1000 LED & LED white	front	A	distance of the mounting surfaces to each other
		B	between the light emission surface of the middle headlamp and the mounting surface of the indicator
		C	distance of the mounting surfaces to each other
micro 1000 Halogen	rear	C	distance of the mounting surfaces to each other
micro Rhombus PL	front	A	distance of the mounting surfaces to each other
		B	between the light emission surface of the middle headlamp and the mounting surface of the indicator
micro Rhombus DF & DF Dark	rear	C	distance of the mounting surfaces to each other
micro Rhombus Extreme	front	A	distance of the mounting surfaces to each other
		B	between the light emission surface of the middle headlamp and the mounting surface of the indicator
		C	distance of the mounting surfaces to each other
micro Rhombus Dark	front	A	distance of the mounting surfaces to each other
		B	between the light emission surface of the middle headlamp and the mounting surface of the indicator
		C	distance of the mounting surfaces to each other
micro Rhombus	front	A	distance of the mounting surfaces to each other
		B	between the light emission surface of the middle headlamp and the mounting surface of the indicator
		C	distance of the mounting surfaces to each other
micro Rhombus	rear	B	between the light emission surface of the middle headlamp and the mounting surface of the indicator
		C	distance of the mounting surfaces to each other



Warning notes!

ATTENTION! In some motorcycles can occur spikes in the electrical system.

They can cause harm to Kellermann double function products. Usually vehicles with no lighting systems from factory are affected (eg because they are designed for sporting purposes) (eg, older single cylinder KTM, Husaberg, Husky, Yamaha Quad Raptor, mostly with max. 6Ah battery or without battery) and vehicles of the brands Skyteam, MZ and Simson. Also with other vehicles, e.g. retrofitted with ignition/lighting systems e.g. Company Vape / Powerdynamo etc. it can come to these spikes. Through the installation of suppressor diodes the problem can be easily solved. Please contact our support team (info@kellermann-online.com) if you are unsure whether your vehicle belongs to this group.

We point out that the warranty is void if operating with over-voltage.

Anti-vibration mounting arms

The anti-vibration rubbers were just developed to reduce the machine vibrations which affect the functionality of the turn signal indicators. Due to the small size and the slight volume, the anti-vibration rubbers don't permit a bending load beyond 45°. Mechanical stress caused by higher deviations, for example due to croppers or bratty overstretching, could induce a damage of the antivibration rubber. In such cases there is no claim for compensation.

Assembly of the cable sealing

The enclosed cable sealing serves as additional protection against spray and should be mounted as follows.

Assemble the indicators as described in the mounting guideline.

Shorten the electrical mains of the indicator corresponding to the requirements of your motorcycle. Push the electrical mains from the inside through the two holes of the cable sealing before stripping the cable tails. Now shove the cable sealing over the thread of the indicator. After that you can connect the electrical mains.