

febiTruck



The Perfect Warning

Beacons & Strobe Lights by febi



**SOLUTIONS
MADE IN GERMANY**

www.febi.com

bilsteingroup®

Commercial Vehicle Replacement Parts by febi

Ferdinand Bilstein is one of the world's leading suppliers and manufacturers of repair solutions for commercial vehicles and passenger cars.

The company has been producing replacement parts for trucks, trailers, and buses for decades. Thanks to the extensive, dynamically growing product portfolio, febi Truck is in a position to offer tailor-made solutions for every customer.

The febi brand is firmly established in the Automotive Aftermarket and, in the commercial vehicle sector, it has a leading market position in the core competencies of steering and suspension, NVH, clutches, and engine thermal management.

Broad Selection

With a selection of more than 12,000 replacement parts and 33,000 applications in OE matching quality, febi Truck ensures optimal availability of commercial vehicle components for all popular European brands ("BIG 7").

Carefully selected products are manufactured at our in-house production facility, e.g. king pins and sets, clutch release forks, as well as oil and water pumps. The strict quality requirements for the production of precision parts are consistently transferred to all partner manufacturers.



Steering
& Suspension



NVH



Wheel Fastening



Braking



Chassis
Suspension



Pneumatics



Clutch



Drivetrain



Engine
Components



Fuel & Exhaust
System



Auxiliary
Belt Drive



Engine Thermal
Management



Air-Conditioning
& Heating



Engine
Management



Electrics



Chassis & Cabin



Filtration



Fluids



Specialist Tools



febiPLUS

Easily Visible From Any Angle: Beacons

Beacons are used in road traffic to warn of possible dangers, such as slow, larger trucks for example. They emit light in all directions so as to be clearly visible from any angle.

febi has beacons with three different mounting types in range:

- DIN connector
- Three bolt fixation open end
- Three bolt fixation magnetic, plug DIN 4165

Offering More

Beacons with a DIN connector or screw connection are suitable for fixed installation on the vehicle. Lights with a magnetic base can be attached to any vehicle without any additional bracket.

Furthermore, febi also offers matching holders and replacement lenses as accessories.



LED or Halogen?

febi offers beacons both with halogen lamps and as an LED version. The latter is ideal when a beacon with a very long service life, vibration resistance, and energy efficiency is required. However, if the light is rarely used or there is a risk that it will often be damaged and will have to be replaced frequently, the halogen version makes more sense.

The luminous intensity of the halogen and LED versions is similar and complies with all legal requirements.

The LED version is available in both a low and high design and can be used in the power range of 9 to 30 volts. The halogen version is supplied with a 12V and a 24V lamp meaning it can therefore be used in both voltage ranges.

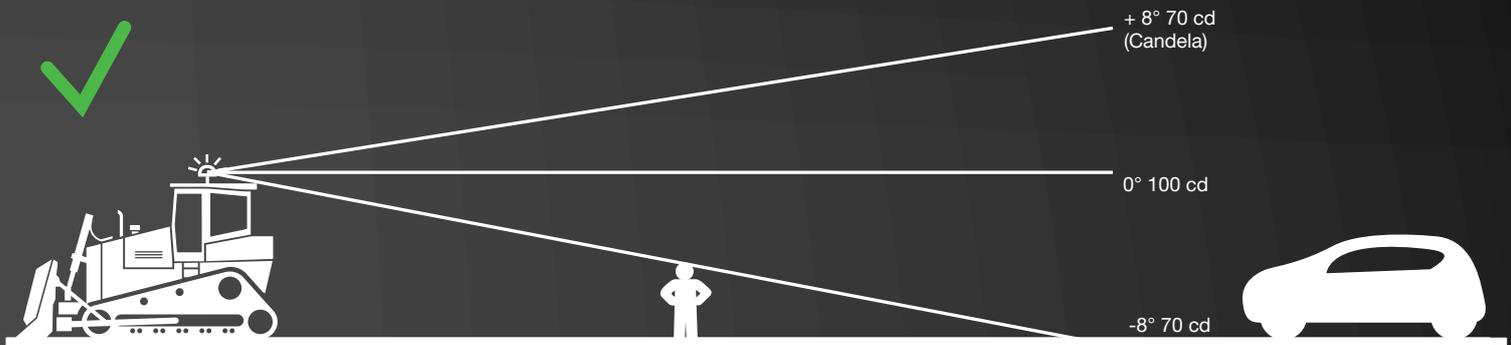


febi has beacons with halogen lamps and LED versions in range.

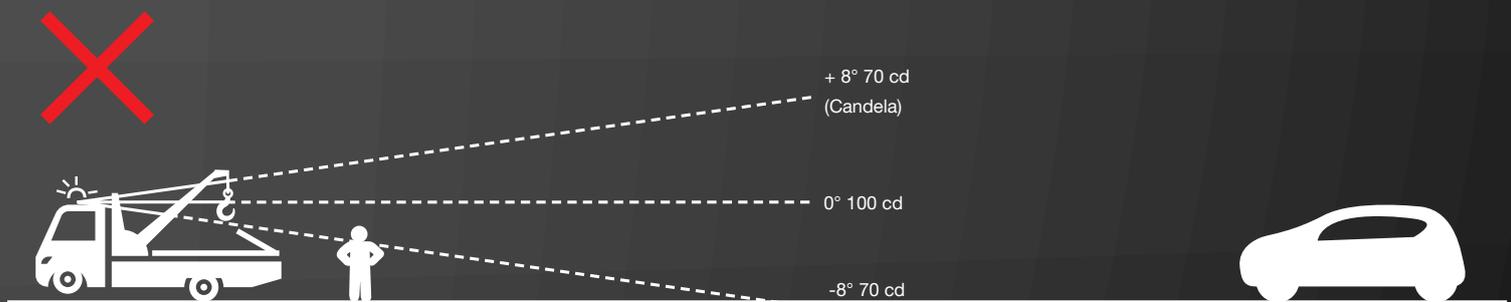


We offer the LED version in both the high and low designs.

Mounting on Vehicle and Light Distribution According to ECE R65



The beacon has to be visible from all directions without being blocked by any part of the vehicle.



In this scenario, only a single warning light is mounted on the roof of the vehicle. The crane blocks the light from being clearly seen on the rear side. The solution: an additional warning light should be mounted. This can either be placed at the rear or it can be mounted on the roof alongside the already existing light.

febiTruck – Halogen Beacons

febi 104041

Beacon for DIN Connector



Connection type	DIN connection
Quantity of blinking patterns	1
Fastening type	bolted/screwed
Dimension (W x H)	132 x 185 mm
Approvals	EMC, ECE R10, R65, ADR
Watt	55 W/70 W
Lighting system	halogen (H1)
Protection category	IP67
Voltage	12 V/24 V
Working temperature	-30°C to +50°C

febi 104043

Beacon for DIN Connector



Connection type	flex. DIN connection
Quantity of blinking patterns	1
Fastening type	clamping screw
Dimension (W x H)	132 x 243 mm
Approvals	EMC, ECE R10, R65, ADR
Watt	55 W/70 W
Lighting system	halogen (H1)
Protection category	IP67
Voltage	12 V/24 V
Working temperature	-30°C to +50°C

febi 104044

Beacon



Quantity of blinking patterns	1
Fastening type	one bolt fastening
Dimension (W x H)	132 x 199 mm
Cable length	260 mm
Approvals	EMC, ECE R10, R65, ADR
Watt	55 W/70 W
Lighting system	halogen (H1)
Protection category	IP67
Voltage	12 V/24 V
Working temperature	-30°C to +50°C



febi 104045

Beacon



Quantity of blinking patterns	1
Fastening type	three-point fixing
Dimension (W x H)	144 x 166 mm
Cable length	260 mm
Approvals	EMC, ECE R10, R65, ADR
Watt	55 W/70 W
Lighting system	halogen (H1)
Protection category	IP67
Voltage	12 V/ 24 V
Working temperature	-30°C to +50°C

febi 104046

Beacon



Quantity of blinking patterns	1
Fastening type	magnet
Dimension (W x H)	144 x 166 mm
Cable length	3500 mm
Approvals	EMC, ECE R10, R65, ADR
Watt	55 W/70 W
Lighting system	halogen (H1)
Protection category	IP67
Voltage	12 V/24 V
Plug / Socket connector	on-board-voltage plug (DIN 4165)
Working temperature	-30°C to +50°C

febi 104047

Beacon



Quantity of blinking patterns	1
Fastening type	magnet
Dimension (W x H)	132 x 177 mm
Cable length	3500 mm
Approvals	EMC, ECE R10, R65, ADR
Watt	55 W/70 W
Lighting system	halogen (H1)
Protection category	IP67
Voltage	12 V/24 V
Plug / Socket connector	on-board-voltage plug (DIN 4165)
Working temperature	-30°C to +50°C

febi 104048

Beacon for DIN Connector



Connection type	DIN connection
Quantity of blinking patterns	4
Fastening type	bolted/screwed
Dimension (W x H)	132 x 185 mm
Approvals	EMC, ECE R10, R65, ADR
Watt	12 W
Lighting system	LED
Protection category	IP67
Voltage	9 - 30 V
Working temperature	-30°C to +50°C

febi 104050

Beacon for DIN Connector



Connection type	flex. DIN connection
Quantity of blinking patterns	4
Fastening type	clamping screw
Dimension (W x H)	132 x 243 mm
Approvals	EMC, ECE R10, R65, ADR
Watt	12 W
Lighting system	LED
Protection category	IP67
Voltage	9 - 30 V
Working temperature	-30°C to +50°C

febi 104051

Beacon



Quantity of blinking patterns	4
Fastening type	one bolt fastening
Dimension (W x H)	132 x 199 mm
Cable length	260 mm
Approvals	EMC, ECE R10, R65, ADR
Watt	12 W
Lighting system	LED
Protection category	IP67
Voltage	9 - 30 V
Working temperature	-30°C to +50°C

febi 104052

Beacon



Quantity of blinking patterns	4
Fastening type	three-point fixing
Dimension (W x H)	144 x 166 mm
Cable length	260 mm
Approvals	EMC, ECE R10, R65, ADR
Watt	12 W
Lighting system	LED
Protection category	IP67
Voltage	9 - 30 V
Working temperature	-30°C to +50°C

febi 104053

Beacon



Quantity of blinking patterns	4
Fastening type	magnet
Dimension (W x H)	144 x 166 mm
Cable length	3500 mm
Approvals	EMC, ECE R10, R65, ADR
Watt	12 W
Lighting system	LED
Protection category	IP67
Voltage	9 - 30 V
Plug / Socket connector	on-board-voltage plug (DIN 4165)
Working temperature	-30°C to +50°C

febi 104054

Beacon



Quantity of blinking patterns	4
Fastening type	magnet
Dimension (W x H)	132 x 177 mm
Cable length	3500 mm
Approvals	EMC, ECE R10, R65, ADR
Watt	12 W
Lighting system	LED
Protection category	IP67
Voltage	9 - 30 V
Plug / Socket connector	on-board-voltage plug (DIN 4165)
Working temperature	-30°C to +50°C

febi 104055

Beacons for DIN Connector



Connection type	DIN connection
Quantity of blinking patterns	4
Fastening type	bolted/screwed
Dimension (W x H)	122 x 98 mm
Approvals	EMC, ECE R10, ECE R65, ADR
Watt	12 W
Lighting system	LED
Protection category	IP67
Voltage	9 - 30 V
Working temperature	-30°C to +50°C

febi 104057

Beacons for DIN Connector



Connection type	flex. DIN connection
Quantity of blinking patterns	4
Fastening type	clamping screw
Dimension (W x H)	122 x 156 mm
Approvals	EMC, ECE R10, ECE R65, ADR
Watt	12 W
Lighting system	LED
Protection category	IP67
Voltage	9 - 30 V
Working temperature	-30°C to +50°C

febi 104058

Beacon



Quantity of blinking patterns	4
Fastening type	one bolt fastening
Dimension (W x H)	122 x 111 mm
Cable length	260 mm
Approvals	EMC, ECE R10, ECE R65, ADR
Watt	12 W
Lighting system	LED
Protection category	IP67
Voltage	9 - 30 V
Working temperature	-30°C to +50°C

febi 104059

Beacon



Quantity of blinking patterns	4
Fastening type	three-point fixing
Dimension (W x H)	140 x 71 mm
Cable length	260 mm
Approvals	EMC, ECE R10, ECE R65, ADR
Watt	12 W
Lighting system	LED
Protection category	IP67
Voltage	9 - 30 V
Working temperature	-30°C to +50°C

febi 104060

Beacon



Quantity of blinking patterns	4
Fastening type	magnet
Dimension (W x H)	91 x 140 mm
Cable length	3500 mm
Approvals	EMC, ECE R10, ECE R65, ADR
Watt	12 W
Lighting system	LED
Protection category	IP67
Voltage	9 - 30 V
Working temperature	-30°C to +50°C

febi 104061

Beacon



Quantity of blinking patterns	4
Fastening type	magnet
Dimension (W x H)	140 x 91 mm
Cable length	3500 mm
Approvals	EMC, ECE R10, ECE R65, ADR
Watt	12 W
Lighting system	LED
Protection category	IP67
Voltage	9 - 30 V
Plug / Socket connector	on-board-voltage plug (DIN 4165)
Working temperature	-30°C to +50°C

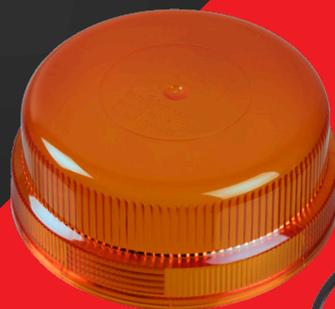
Replacement Glass for Beacons

In addition to our broad range of beacons, we also have the corresponding replacement glasses in our assortment - in proven OE matching quality, of course.

We offer two different versions - flat and high. This covers all beacons in the febi program.



febi 104039
high version



febi 104038
flat version

febiTruck – Brackets for Beacons

febi 104030

Bracket for Beacon



Connection type	DIN connection
Fastening type	bolted/screwed
Dimension (W x H)	24 x 102 mm
DIN - ISO	72591

febi 104031

Bracket for Beacon



Connection type	DIN connection
Fastening type	two-point fastening
Dimension (W x H)	113 x 120 mm
DIN - ISO	72591

febi 104032

Bracket for Beacon



Connection type	DIN connection
Fastening type	two-point fastening
Dimension (W x H)	113 x 137 mm
DIN - ISO	72591

febi 104033

Bracket for Beacon



Connection type	DIN connection
Fastening type	two-point fastening
Dimension (W x H)	109 x 121 mm
DIN - ISO	72591

febi 104036

Bracket for Beacon



Connection type	DIN connection
Fastening type	two-point fastening
Dimension (W x H)	117 x 102 mm
DIN - ISO	72591

febi 104037

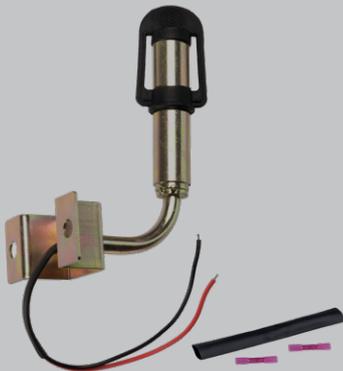
Bracket for Beacon



Connection type	DIN connection
Fastening type	two-point fastening
Dimension (W x H)	95,2 x 135 mm
DIN - ISO	72591

febi 104028

Bracket for Beacon



Connection type	DIN connection
Fastening type	two-point fastening
Dimension (W x H)	102 x 160 mm
DIN - ISO	72591

febi 104029

Bracket for Beacon



Connection type	DIN connection
Fastening type	three-point fastening
Dimension (W x H)	95 x 115 mm
DIN - ISO	72591

Perfect Warning Effect: Strobe Lights

Strobe lights are mounted horizontally or vertically onto the vehicle front in order to achieve an ideal warning effect for other road users.

febi supplies the lights as a ProKit with the necessary fixing material, crimp connectors, and shrink tubing for a professional and durable electrical connection. IP rating IP67 ensures continuous protection against dust and splash water.

The strobe lights can be used in combination with other strobe lights to flash synchronously or alternately. All strobe lights offered by febi are suitable for a power range of 9 to 30 volts.



Accessories and electrical connection

febi ProKit: The Complete Solution for a Professional Repair

With ProKit, we offer an innovative product line which saves workshops time and money as febi ProKits are guaranteed to contain all the parts needed for the repair in question.

- ✓ With its ProKits for commercial vehicles, febi has established innovative, complete repair solutions for heavy-goods vehicles!
- ✓ Practicality-oriented, complete sets are perfectly tailored to specific repair requirements and contain all the necessary installation materials alongside the individual replacement parts.
- ✓ Additional trips to obtain replacements of items, such as corroded screws or nuts, therefore become a thing of the past.
- ✓ Saves workshops money as well as time.



febi Work Lights

Good visibility is extremely important for commercial vehicles or machines operating in the evening or at night. If there is insufficient lighting, vehicles and loads can be damaged and people could potentially get injured.

If there is an insufficiency of stationary light sources in the working area, necessary illumination can only be ensured with additional work lights on a vehicle.

You can rely on the wide selection of LED work lights from febi in OE matching quality. Thanks to modern, efficient LED technology, these achieve great luminous

efficiency with comparatively low power consumption. This protects the vehicle battery and enables longer working hours with battery power.

All febi work lights meet the highest standards: they are 100% tested to ensure that each individual lamp delivers maximum performance.



You can access our entire range of febi work lights here:
partsfinder.bilsteingroup.com

febiTruck – Strobe Lights

febi 109256

Strobe Light



Quantity of blinking patterns	11
Dimension	94 x 32 x 11 mm
Cable length	1500 mm
Approvals	EMC, ECE R10, SAE J595
Watt	9 W
Protection category	IP67
Voltage	9 - 30 V
Working temperature	-30° to +50°
Colour	Amber

febi 109257

Strobe Light



Quantity of blinking patterns	19
Dimension	109.9 x 32 x 11 mm
Cable length	1500 mm
Approvals	EMC, ECE R10, R65, SAE J595
Watt	12 W
Protection category	IP67
Voltage	9 - 30 V
Working temperature	-30° to +50°
Colour	Amber

febi 109258

Strobe Light



Quantity of blinking patterns	19
Dimension	121.6 x 32 x 11 mm
Cable length	1500 mm
Approvals	EMC, ECE R10, R65, SAE J595
Watt	18 W
Protection category	IP67
Voltage	9 - 30 V
Working temperature	-30° to +50°
Colour	Amber

febi 109259

Strobe Light



Quantity of blinking patterns	19
Dimension	121.6 x 43.5 x 11 mm
Cable length	1500 mm
Approvals	EMC, ECE R10, R65, SAE J595
Watt	36 W
Protection category	IP67
Voltage	9 - 30 V
Working temperature	-30° to +50°
Colour	Amber

febi 109260

Strobe Light



Quantity of blinking patterns	11
Dimension	88.4 x 28 x 17.2 mm
Cable length	1500 mm
Approvals	EMC, ECE R10, SAE J595
Watt	9 W
Protection category	IP67
Voltage	9 - 30 V
Working temperature	-30° to +50°
Colour	Amber

febi 109261

Strobe Light



Quantity of blinking patterns	19
Dimension	104.4 x 28 x 17.2 mm
Cable length	1500 mm
Approvals	EMC, ECE R10, R65, SAE J595
Watt	12 W
Protection category	IP67
Voltage	9 - 30 V
Working temperature	-30° to +50°
Colour	Amber

febi 109262

Strobe Light



Quantity of blinking patterns	19
Dimension	132.7 x 28 x 17.2 mm
Cable length	1500 mm
Approvals	EMC, ECE R10, R65, SAE J595
Watt	18 W
Protection category	IP67
Voltage	9 - 30 V
Working temperature	-30° to +50°
Colour	Amber

febi 109263

Strobe Light



Quantity of blinking patterns	19
Dimension	131.2 x 46.8 x 17.2 mm
Cable length	1500 mm
Approvals	EMC, ECE R10, R65, SAE J595
Watt	36 W
Protection category	IP67
Voltage	9 - 30 V
Working temperature	-30° to +50°
Colour	Amber

Legal Requirements for Beacons and Strobe Lights

Certain vehicle components are subject to EU regulations. These ECE requirements contain standardized technical regulations that are relevant for the type approval of the vehicle. The following regulations are decisive for beacons and strobe lights:

ECE R10 = Electromagnetic compatibility, including EMC regulation

ECE R65 = Effective light intensity, light distribution, and attachment to vehicle.

SAE J595 = Requirements for use on authorized emergency, maintenance, and service vehicles.

All febi beacons and strobe lights comply with the statutory regulations.

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Important

- » Beacons with LED comply with the ECE R65 only with rotating light.
- » Strobe lights from febi have up to 19 different flash patterns. Strobe lights with ECE R65 approval only fulfil these in the first flash pattern.

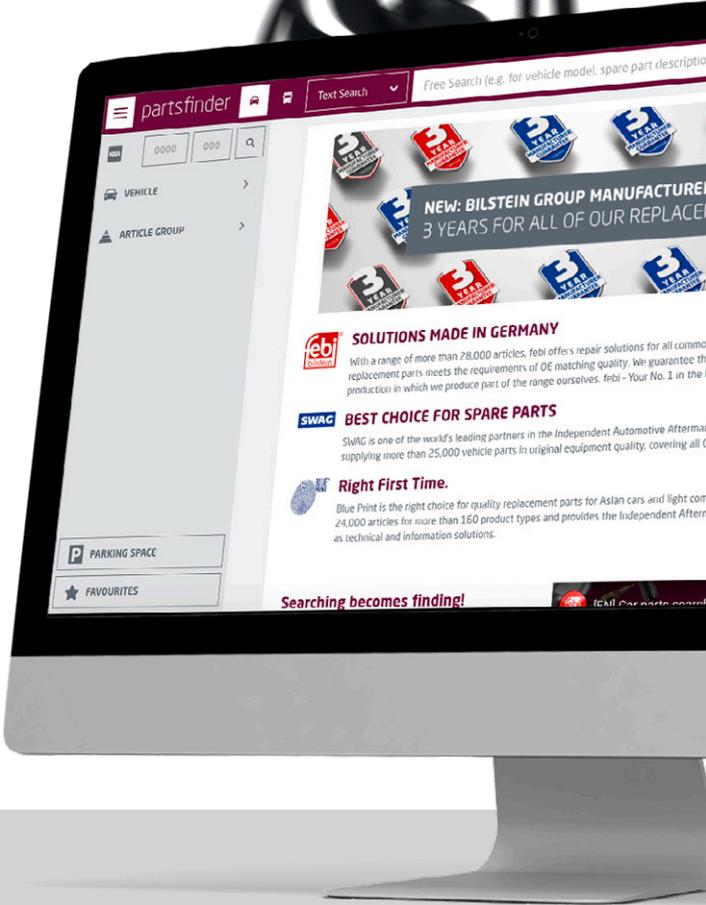




Searching Becomes Finding

The modern online parts search engine of the bilstein group - with the complete passenger car and commercial vehicle ranges from febi, SWAG, and Blue Print

-  **SIMPLE DIRECT SEARCH**
Search field makes finding results easy and effective
-  **DETAILED PRODUCT INFORMATION**
Including repair set references & safety data sheets
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Print search results/article details with one click as PDF
-  **EXPERT FILTER**
Find your parts even easier
-  **B2B SHOP**
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