DATA SHEET

Mounting kit for brightness sensor unit

Product characteristics

- Mounting set for B+B brightness sensor unit
- Universal design for wall and pillar mounting
- Simple time saving mounting
- Reliable operation, stable construction
- Corrosion proof Aluminium
- Scope of supply inclusive of all mounting items

The Mounting-set is meant for fitment of B+B brightness sensor unit in in- and outdoor applications. The robust, stable mounting bracket of corrosion proof aluminium is suitable for both wall as well as pillar mounting. All mounting holes are pre-punched to facilitate simple assembly. The required accessories including screws, dowels and pillar clamps are covered in the scope of supply. All fixing screws are on the outer side, hence the tightness is ensured. The cable gland can be either at the lower front position or downwards.

Montage location

For reliable operation, the correct location of mounting is important. Make sure, the sensor has free light and is not covered by trees, roof edges or similar. In dust-laden atmosphere, the mounting location should be selected in such a way that it is easily accessible for periodic cleaning.

Mounting

Please follow the rules for prevention of accidents for your own safety. Arrange the tools and make yourself familiar with each step of the complete mounting procedure at the beginning itself!

Preparation

Loosen the four cover screws and carefully remove the cover. Make sure that the connection cable to the housing cover inside the brightness sensor is not damaged. The holes for mounting the brightness sensor on the wall bracket are now accessible. After assembly, put the cover back on and close it with the cover screws.

For pillar mounting

First fit the brightness sensor unit on the relevant arm of mounting bracket with four sheet metal screws. Then the unit is to be fitted on the pillar with two pipe clamps. Use the enclosed screws, support washers and toothed washers for secured mounting.
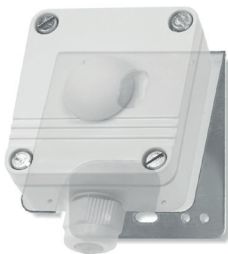
For wall mounting

First tighten the mounting bracket on the wall. As long as the rain alarm unit is not mounted, there is an access to the wall mounting screws through the punched cut outs provided for tool access. Mark the required position for mounting holes, pre-drill if necessary, and insert the enclosed dowels in the holes. Then, tighten the mounting bracket on the wall with two wood screws. The adjustment of position can be done by two long holes. Then tighten the rain alarm unit on the second arm of mounting bracket with four sheet metal screws.

Technical changes reserved
0141 0315-159 08/2020

B+B Thermo-Technik GmbH | Heinrich-Hertz-Straße 4 | D-78166 Donaueschingen
Fon +49 771 83160 | Fax +49 771 831650 | info@bb-sensors.com | bb-sensors.com

1 / 2

DATA SHEET

Putting into operation

Carefully complete the electrical connection and tighten the cable gland. Check before closing and take care, that the sealing gasket of the sensor surface is complete and in the correct position. Then, close the housing. After switching on the power supply and electrical safety checks, the perfect functioning of sensor should be tested by touching the sensor with a cloth.
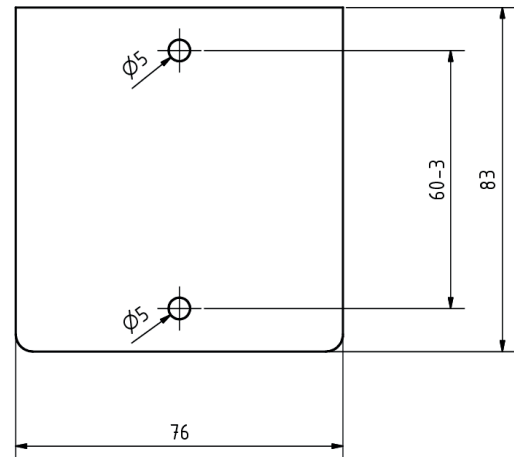
Scope of supply

Punched mounting bracket, 4 self tapping convex head screw DIN 7981, 2 pillar clamps ½", 4 toothed washer M4, 4 hexagonal head screws M4x10 DIN 933, 2 round head screws 4 x 10, 2 dowels 6 mm and mounting instructions. The included pipe clamps are suitable for a pillar diameter of ½ inch. For other pipe diameters, use commercial grade mounting aids!

Brightness sensor unit with mounting kit

Drilling template

Dimension drawing

Technical changes reserved
0141 0315-159 08/2020

B+B Thermo-Technik GmbH | Heinrich-Hertz-Straße 4 | D-78166 Donaueschingen
Fon +49 771 83160 | Fax +49 771 831650 | info@bb-sensors.com | bb-sensors.com

2 / 2