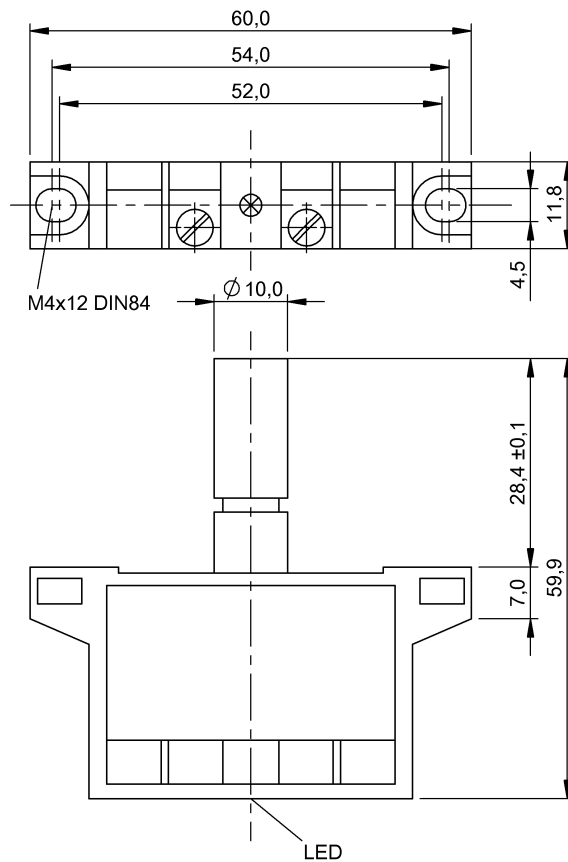


BES 517-410-RK BES02MW



Display/Operation

Function indicator	yes
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Electrical connection

Connection type	1. Switch position: Screw terminal
Polarity reversal protected	yes
Short-circuit protection	no

Electrical data

Hysteresis H max. (% of Sr)	15.0 %
Operating voltage Ub AC	35.0...250.0 V
Pollution degree	3
Rated insulation voltage Ui	250 V AC
Rated operating current Ie DC	100 mA
Rated operating voltage Ue AC	110 V
Ready delay tv max.	100 ms
Repeat accuracy max. (% of Sr)	5.0 %
Residual current Ir max.	1700 µA
Utilization category	AC-140
Voltage drop static max.	8.5 V

Environmental conditions

Ambient temperature	-25...70 °C
Protection type IEC 60529	IP67 only installed in multiple limit switches

General data

Approval/Conformity	CE cULus EAC
Basic standard	IEC 60947-5-2

Material

Housing material	PA
Material sensing surface	PA 12

Mechanical data

Connection cross-section	2.5 mm²
Dimension	60 x 11.8 x 59.9 mm
Installation	for flush mounting
Tightening torque clamping screw	0.5 Nm

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Temperature drift max. (% of Sr) 10 %

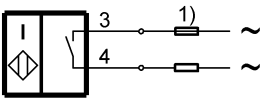
Range/Distance

Assured operating distance Sa	1. Switch position: 1.6 mm
Effective operating distance Sr	2 mm
Range	2 mm
Rated operating distance Sn	1. Switch position: 2 mm

Remarks

Recommendation: After a short circuit check the device for proper function.

Wiring Diagram



1) For SCP see electrical data