



Inductive Sensors  
**BES 517-132-M5-H-S4**  
Order Code: BES0207



### Environmental conditions

Ambient temperature	-25...70 °C
Contamination scale	3
EN 60068-2-27, Shock	Half-sinus, 30 g <sub>n</sub> , 11 ms
EN 60068-2-6, Vibration	55 Hz, amplitude 1 mm, 3x30 min
IP rating	IP67

### Functional safety

MTTF (40 °C)	730 a
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### Interface

Switching output	PNP normally open/normally closed (NO/NC)
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### Material

Housing material	PBT
Material sensing surface	PBT

### Mechanical data

Dimension	132.5 x 40 x 40 mm
Installation	non-flush
Size	40x40

### Range/Distance

Assured operating distance Sa	24 mm
Hysteresis H max. (% of Sr)	20.0 %
Rated operating distance Sn	30 mm
Real switching distance sr	30 mm
Repeat accuracy max. (% of Sr)	5.0 %
Temperature drift max. (% of Sr)	10 %
Tolerance Sr	±10 %

### Remarks

The sensor is functional again after the overload has been eliminated.

LED 1: Function

LED 2: Operating voltage

For more information about MTTF and B10d see MTTF / B10d Certificate

Indication of the MTTF- / B10d value does not represent a binding composition and/or life expectancy assurance; these are simply experiential values with no warranty implications. These declared values also do not extend the expiration period for defect claims or affect it in any way.

### Connector Drawings



### Wiring Diagrams

