

Inductive Sensors
BES 516-3005-FO-X-PU-05
Order Code: BES018L



Material

Housing material	Stainless steel
Material jacket	PUR
Material sensing surface	PBT

Mechanical data

Dimension	Ø 5 x 35.5 mm
Installation	for flush mounting
Mounting length	30.50 mm
Size	M5x0.5
Tightening torque	0.5 Nm

Range/Distance

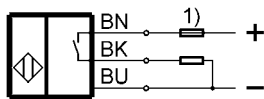
Assured operating distance Sa	0.65 mm
Hysteresis H max. (% of Sr)	15.0 %
Rated operating distance Sn	0.8 mm
Real switching distance sr	0.8 mm
Repeat accuracy max. (% of Sr)	5.0 %
Temperature drift max. (% of Sr)	10 %
Tolerance Sr	±10 %

Remarks

For inductive loads of up to 200 mA an external protection circuit is required.
Recommendation: After a short circuit check the device for proper function.
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.

Wiring Diagrams



1) For SCP see electrical data