

Inductive Sensors
BES 516-3005-E5-C-S49
Order Code: BES00H2



Interface

Switching output PNP normally open (NO)

Material

Housing material Stainless steel
Material sensing surface PBT

Mechanical data

Dimension Ø 5 x 41 mm
Installation for flush mounting
Size M5x0.5
Tightening torque 1 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 %
Switching distance marking ■
Temperature drift max. (% of Sr) 10 %
Tolerance Sr ±10 %

Remarks

The sensor is functional again after the overload has been eliminated.
 EMC: Surge resistance
 External protection circuit is required. Document 825345, Section 2.
 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

