

Interface

Switching output PNP normally open (NO)

Material

Housing material Stainless steel
Material sensing surface Ceramic
Support ring material PTFE

Mechanical data

Dimension Ø 12 x 78 mm
Installation for flush mounting
Mounting length 43.50 mm
Mounting part M12x1
Pressure rating max. 500 bar
Pressure rating, note oil pressure rated
Sealing ring, size 6.75 x 1.78 mm
Size M12x1
Tightening torque 15 Nm ±10 %

Range/Distance

Assured operating distance Sa 2 mm
Hysteresis H max. (% of Sr) 15.0 %
Rated operating distance Sn 2.5 mm
Real switching distance sr 2.5 mm
Repeat accuracy max. (% of Sr) 5.0 %
Temperature drift max. (% of Sr) 15 %
Tolerance Sr ±10 %

Remarks

Installation Instructions 614804
The sensor is functional again after the overload has been eliminated.
 $I_e [mA] = 200 - 2.2 \times (T_a - 75)$ at $T_a [^{\circ}C] +75...+90$
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 (Schematic)

