

Interface

Switching output PNP normally open (NO)

Material

Gasket, material NBR 60-80
Housing material 1.4104 stainless steel
Material sensing surface EP
Support ring material PTFE

Mechanical data

Dimension Ø 18 x 55 mm
Installation for flush mounting
Mounting length 10.50 mm
Mounting part M18x1
Pressure rating max. 500 bar
Pressure rating, note oil pressure rated
Sealing ring, size 12.42 x 1.78 mm
Size M18x1
Tightening torque 40 Nm ±10 %

Range/Distance

Assured operating distance Sa 1.2 mm
Hysteresis H max. (% of Sr) 15.0 %
Rated operating distance Sn 1.5 mm
Real switching distance sr 1.5 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.
Installation Instructions 614804
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)

