

Display/Operation

Electrical connection

Electrical data

Environmental conditions

Ambient temperature	-25...70 °C
IP rating	IP67
Storage temperature	-40...85 °C

Functional safety

MTTF (40 °C)	389 a
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Interface

Interface	IO-Link 1.0
Interface setting option	Switch. point (2x for window) SIO mode/IO-Link mode Measured value filter Hysteresis Filter strength (10 levels) Operating mode Foreground suppression range Normally open/Normally closed Factory setting (Reset)
Process data OUT	Distance value Switching state
Process data cycle min.	60.8 ms
Switching output	PNP/NPN NO/NC push-pull

Material

Housing material	PBT
Material sensing surface	PU foam/Epoxy resin/Glass

Mechanical data

Dimension	62.2 x 62.2 x 32.7 mm
Mounting part	4-hole screw mount Screws M8

Range/Distance

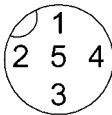
Measuring range	600...8000 mm
Rated operating distance Sn	6000 mm
Repeat accuracy	± 0.15 %FS
Resolution	≤ 0.180 mm

Remarks

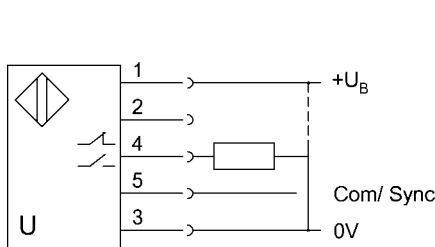
For additional information, refer to user's guide.
Order accessories separately.
Do not press key using a pointed tool.
Reference object for Sn: tube ø27mm. Max. range refers to the aligned plate.
The sensor is functional again after the overload has been eliminated.
For more information about MTTF and 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



Technical Drawings

