



1) Sensing surface 2) Potentiometer 3) LED function indicator 4) NO or NC selectable 5) PNP or NPN selectable



### Electrical connection

Cable length	2 m
Conductor cross-section	0.25 mm <sup>2</sup>
Connection type	Cable, 2.00 m, PVC
Number of conductors	3
Short-circuit protection	yes

### Electrical data

Operating voltage $U_b$	10...30 VDC
Polarity reversal protected	yes
Rated insulation voltage $U_i$	75 V DC
Residual ripple max. (% of $U_e$ )	10 %
Switching frequency	50 Hz
Utilization category	DC-13
Voltage drop static max.	1.5 V

### Environmental conditions

IP rating	IP67
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### Functional safety

MTTF (40 °C)	230 a
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### General data

Approval/Conformity	CE cULus
Basic standard	IEC 60947-5-2
Sensitivity	Switching distance adjustable

### Material

Cover material	POM
Material jacket	PVC

### Output/Interface

Switching output	PNP/NPN Normally open/ Normally closed (NO/NC) programmable
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### Range/Distance

Measuring range	2...25 mm
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For further information about the 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 Diagram

