



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



IND. CONT. EQ.
 81U2
 for use in the secondary of
 a class 2 source of supply

Electrical connection

Cable length L	2 m
Conductor cross-section	0.25 mm ²
Number of conductors	3
Polarity reversal protected	yes
Short-circuit protection	yes

Electrical data

Operating voltage U _b	10...30 VDC
Rated insulation voltage U _i	75 V DC
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
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Basic standard

IEC 60947-5-2

Sensitivity

Switching distance adjustable

Series

D50

Material

Cover material	POM
Housing material	POM
Jacket material	PVC
Sensing surface material	POM

Mechanical data

Dimension	Ø 50 x 10 mm
Installation	for flush mounting
Size	D50.0

Output/Interface

Switching output	PNP/NPN NO/NC Programmable
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Range/Distance

Measuring range	2...25 mm
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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.

Wiring Diagram

