



Display/Operation

Function indicator	yes
Power indicator	no

Electrical connection

Cable diameter D	6.00 mm
Cable length L	3 m
Conductor cross-section	0.50 mm ²
Connection type	Cable, 3.00 m, PVC
Number of conductors	3
Polarity reversal protected	yes
Protection against device mix-ups	yes
Short-circuit protection	yes

Electrical data

Load capacitance max. at U _e	0.15 µF
Min. operating current I _m	0 mA
No-load current I ₀ max., damped	10 mA
No-load current I ₀ max., undamped	10 mA
Operating voltage U _b	10...30 VDC
Output resistance R _a	Open collector
Rated insulation voltage U _i	75 V DC
Rated operating current I _e	200 mA
Rated operating voltage U _e DC	24 V
Rated short circuit current	100 A
Ripple max. (% of U _e)	15 %
Utilization category	DC -13
Voltage drop static max.	3.5 V

Environmental conditions

Ambient temperature	-25...70 °C
Contamination scale	3
EN 60068-2-27, Shock	Half-sinus, 30 gn, 11 ms
EN 60068-2-6, Vibration	55 Hz, amplitude 1 mm, 3x30 min
IP rating	IP67

General data

Approval/Conformity	CE EAC WEEE
Basic standard	IEC 60947-5-2
Target material	Fe 360

Material

Housing material	PBT
Material jacket	PVC
Material sensing surface	PBT

Mechanical data

Dimension	80 x 45 x 20 mm
Pass-through	15.0 mm
Target size min.	Ball D = 3 mm

Output/Interface

Switching output	PNP normally open (NO)
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Remarks

IP67 when potentiometer cover screw is fitted

Wiring Diagrams

