



1) LED function indicator 2) LED operating voltage



Display/Operation

Function indicator	yes
Power indicator	yes

Electrical connection

Connection	M12x1-Male, 4-pole, A-coded
Protection against device mix-ups	yes
Short-circuit protection	yes

Electrical data

Contamination scale	3
Load capacitance max. at Ue	0.15 µF
No-load current I ₀ undamped max.	10 mA
Operating voltage U _b	10...30 VDC
Output resistance R _a	Open collector
Pass-through speed max.	60 m/s
Polarity reversal protected	yes
Rated insulation voltage U _i	75 V DC
Rated operating current I _e DC	400 mA
Rated operating voltage U _e DC	24 V
Ready delay t _v max.	300 ms

Ripple max. (% of U _e)	15 %
Switching frequency	16 Hz
Utilization category	DC-13
Voltage drop static max.	2 V

Environmental conditions

Ambient temperature	-25...70 °C
Pass-through	15.1 mm
Protection type IEC 60529	IP65

General data

Additional features	Sensitivity adjustable can be arranged inline Stackable, minimum distance ≥20 mm
Approval/Conformity	CE EAC
Basic standard	IEC 60947-5-2
Target material	Steel

Material

Housing material	Plastic
Material sensing surface	Plastic

Mechanical data

Dimension 60 x 35 x 20 mm

Output/Interface

Switching output PNP Normally open (NO)

Remarks

After eliminating the overload, the sensor is functional again after a load-dependent delay time of 5-30 s.
Sensitivity adjustable
Static detection of metallic parts

Connector view



Wiring Diagram

