



Basic features

Approval/Conformity	CE IECEX ATEX WEEE
Basic standard	EN 60079-0 EN 60079-18 IEC 60947-5-2
Ex marking	ATEX: Ex II 1G Ex ma IIC T6 Ga Ex II 1D Ex ma IIIC T90 °C Da IECEX: Ex ma IIC T6 Ga Ex ma IIIC T90 °C Da

Electrical connection

Cable length L	2 m
Conductor cross-section	0.34 mm ²
Connection type	Cable, 2 m, PUR
Polarity reversal protected	yes
Short-circuit protection	yes

Electrical data

Operating voltage U_b	18...27 VDC
Switching frequency	300 Hz

Environmental conditions

Ambient temperature	-20...60 °C
IP rating	IP67

Functional safety

MTTF (40 °C)	715 a
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Interface

Switching output	PNP normally open (NO)
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Material

Housing material	Brass, nickel-plated
Material jacket	PUR
Material sensing surface	PA/POM

Mechanical data

Dimension	Ø 30 x 74 mm
Installation	non-flush
Size	M30x1.5
Tightening torque	40 Nm

Range/Distance

Rated operating distance S_n	12 mm
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Wiring Diagrams

