



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
Protection degree	IP67

Functional safety

MTTF (40 °C)	715 a
---------------------	-------

Material

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

Mechanical data

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

Output/Interface

Switching output	PNP normally open (NO)
-------------------------	------------------------

Range/Distance

Rated operating distance S_n	12 mm
---	-------

Wiring Diagrams

