



Basic features

Approval/Conformity	CE IECEX ATEX WEEE
Basic standard	EN 60079-0 EN 60079-18 IEC 60947-5-2
Ex marking	ATEX: II 3G Ex ec IIC T6 Gc II 3D Ex tc IIIC T75 °C Dc IECEX: Ex ec IIC T6 Gc Ex tc IIIC T75 °C Dc

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	10...30 VDC
Switching frequency	180 Hz

Environmental conditions

Ambient temperature	-10...60 °C
IP rating	IP67

Functional safety

MTTF (40 °C)	4110 a
---------------------	--------

Interface

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

Material

Housing material	Stainless steel
Material jacket	PUR
Material sensing surface	Stainless steel

Mechanical data

Dimension	Ø 18 x 57 mm
Installation	for flush mounting
Size	M18x1
Tightening torque	25 Nm

Range/Distance

Rated operating distance S_n	5 mm
---	------

Wiring Diagrams

