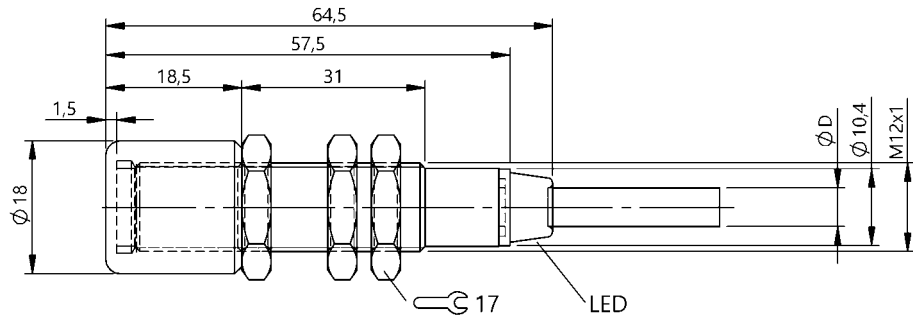


Inductive Sensors
BES M12MF2-PSC40F-BV02-EXE
Order Code: BES05L7



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 T70 °C Dc IECEX: Ex ec IIC T6 Gc Ex tc IIIC T70 °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	300 Hz

Environmental conditions

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

Functional safety

MTTF (40 °C)	685 a
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Interface

Switching output	PNP normally open (NO)
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Material

Housing material	Stainless steel
Material jacket	PUR
Material sensing surface	LCP/POM

Mechanical data

Dimension	Ø 12 x 61 mm
Installation	non-flush
Mounting length	25.00 mm
Size	M12x1
Tightening torque	10 Nm

Range/Distance

Rated operating distance S _n	1.5 mm
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Wiring Diagrams

