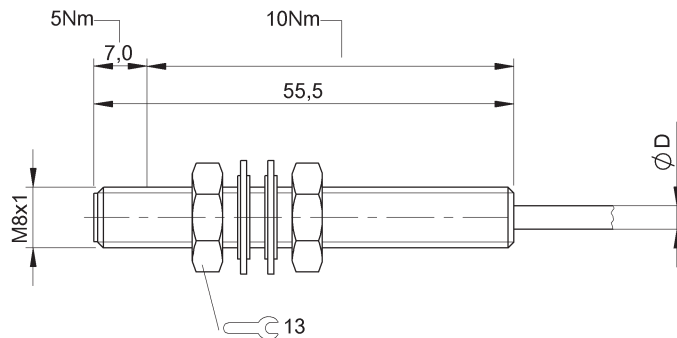




- PNP
- Normally open (NO)
- 2.00 mm
- Flush (shielded)
- Cable, PTFE, 5.00 m

**General attributes**

Approvals / Conformity	CE
Basic standard	IEC 60947-5-2
Enclosure Type per IEC 60529	IP67
Function indicator	No
Operating distance marking	■ ■
Polarity reversal protected	Yes
Power indicator	No
Short circuit protected	No

Electrical attributes

Connection type	Cable
Eff. operating current I_e	200 mA
Eff. operating voltage U_e DC	24.0 V
Electrical version	DC, direct current
Load capacitance max. (at U_e)	1.000 μ F
Max. no-load cur. I_o undamped	12.0 mA
Minimum operating current I_m	0 mA
No-load current I_o damped max.	20.0 mA
Operating voltage U_B max. DC	30.0 V
Operating voltage U_B min. DC	10.0 V
Rated insulation voltage U_i	75 VDC
Rated short circuit current	100 A
Recommended K-type SCP	Miniature fuse according IEC60127-2 Sheet 1, ≤ 2 A (quick/acting). Fuse must be in load line. Fuse must not be in outp. line.
Ripple max. (% of U_e)	10 %

Switching function
Switching output
Voltage drop static max.

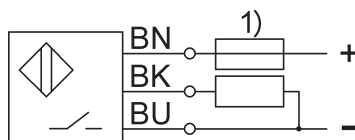
Normally open (NO)
PNP
1.5 V

Mechanical attributes

Ambient temperature T_a max.	120 °C
Ambient temperature T_a min.	-25 °C
Assured operating distance S_a	1.60 mm
Cable diameter D max.	3.3 mm
Cable jacket material	PTFE
Cable length	5.00 m
Conductor cross-section	0.14 mm ²
Depth	55.5 mm
Diameter d_1	M08x1
Eff. operating distance S_r	2.00 mm
Housing material	Stainless steel
Mech. installation condition	Flush (shielded)
Mounting length	55.5 mm
Number of conductors	3
Rated operating distance S_n	2.00 mm
Sensing face material	PBT
Tightening torque	5 Nm / 10 Nm

Additional text

$T_a \geq 70$ °C... ≤ 120 °C: $I_e \leq 150$ mA.
Embeddable: See installation notes for inductive sensors with extended switching distance 825357.
Recommendation: After a short circuit check the device for proper function.



1) SC protection see E-Data