

INDUCTIVE SENSOR - M8

Special mini version: zero hysteresis
Plug connection

TYPE - ART. NO.

SM-10-M8-S-Y7-I0 - SM105033

SM-10-M8-O-Y7-I0 - SM109001

SM-20-M8-S-Y7-I0

DESCRIPTION

10 = PNP

20 = NPN

M8 = Ø M8x1.5 - shielded

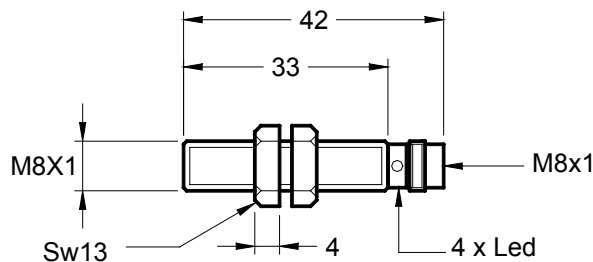
S = normally open

O = normally closed

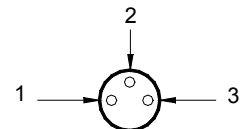
Y7 = metal connector M8x1

I0 = zero hysteresis

DIMENSIONS AND TECHNICAL DATA



Connector Y7
for sensors 6,5-M8



1= Brown = +
2= Black= PNP-NPN output
3= Blue = -

Operating distance S_n	1 mm
Flush mounting	yes
Electrical version	3 pins DC
Operating voltage U_b	10...35 Vdc
Output current I_e	max. 250mA
Voltage drop U_d	max. ≤ 3.5 V
Permitted residual ripple	max. 5%
No load current I_o	tip. 10mA
Frequency of operating cycles	max. 2 KHz
Hysteresis	< 0 %
Repeat accuracy	< 1 %
Permitted ambient temperature	-20...+70°C
Temperature drift	< 10 %
Led display	yellow
Protective circuit	built-in
Degree of protection	(IEC 529) IP 67
Housing material	INOX 303
Active surface material	PVDF
Connection	metal connector M8x1
Maximum torque	4.5

