

INDUCTIVE SENSOR - M8

Short housing
Connector output
Flush-mountable

ART. NO.

SM-10-A11-S-Y5-L55 - SM105012

SM-10-A11-O-Y5-L55

SM-20-A11-S-Y5-L55

DESCRIPTION

10 = PNP

20 = NPN

A11 = M8x1

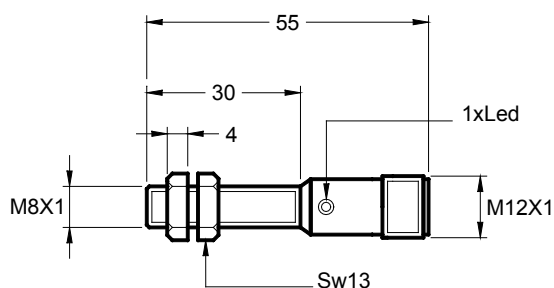
S = NO

O = NC

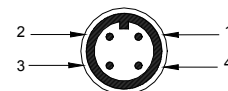
Y5 = metal connector M12x1

L55 = housing length

DIMENSIONS AND TECHNICAL DATA



Connector Y1-Y3-Y5
for M12-M18-M30 sensors



1 = brown = + Vcc
2 = free or NC output for A version
3 = blue = - GND
4 = black = NPN-PNP, NO output
or NC output for O version

Operating distance Sn	2 mm
Flush mounting	yes
Electrical version	4 pin DC
Operating voltage Ub	10...35 Vdc
Output current Ie	max. 250mA
Voltage drop Ud	max. ≤ 3.5 V
Permitted residual ripple	max. 5%
No load current Io	tip. 10mA
Frequency of operating cycles	max. 1 KHz
Hysteresis	< 10 %
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	INOX303
Active surface	PVDF
Connection	metal connector M12x1
Maximum torque Nm	4.5

