



Optoelectronic sensor

Series 10 - PNP

Housing M5 x 0,5

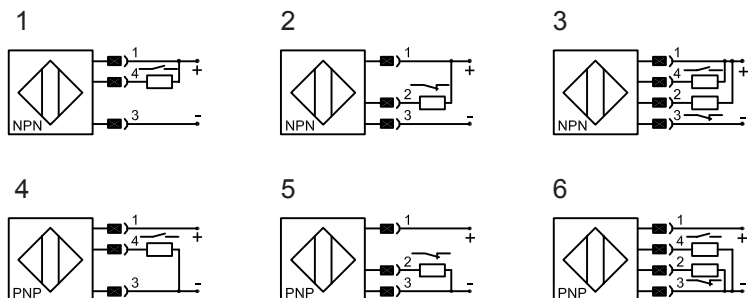
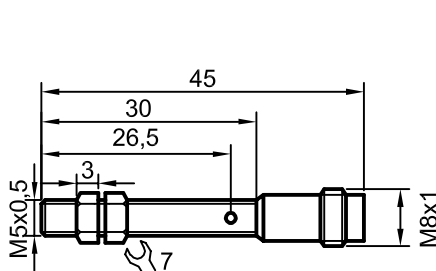
- Housing material: stainless steel VA
- Sensing range 50 mm
- With plug-in connector M8 x 1
- Energetic sensor



Certificate:

Technical data

Sensing range [mm], min. / max.	50 / 50
Transmitting range [m] with triple reflector	1
Electrical version	3-wire DC
Output function	NO
Typ PNP	IS-120-M5-10-S-Y7
Art.-No.	555 001
Connection diagram No.	4
Operating voltage (U_B)	10...30 V DC
Output current max. (I_o)	100 mA
Sender / Wavelength	IR-LED 880 nm
Extraneous light limit Halogen- / sunlight	5.000 / 10.000 Lux
Voltage drop max. (U_d)	2 V
Permitted residual ripple max.	< 20 %
No-load current (I_o)	typ. 10 mA
Frequency of operating cycles max.	250 Hz
Permitted ambient temperature	0...+55°C
LED-display	switching state: yellow no sufficient function reserves: yellow flashing
Protective circuit	built-in
Degree of protection IEC 529	IP 67
Connection	plug-in connector M8 x 1
Housing material	VA Nr. 1.4305
Active surface	glass
Lid	-



All specifications are subject to change without notice. (05/2006)