



## Optoelectronic sensor

### Series 10 - PNP

#### Housing M5 x 0,5

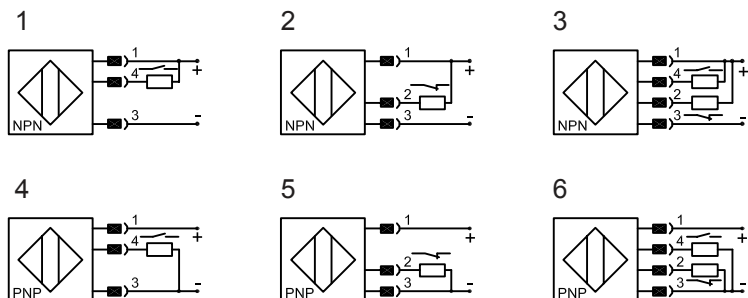
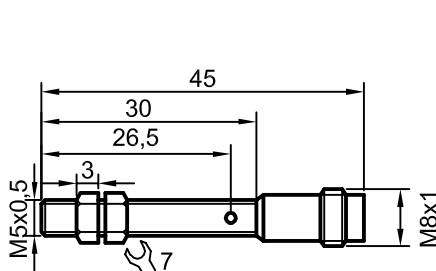
- Housing material: stainless steel VA
- Sensing range 50 mm
- With plug-in connector M8 x 1
- Energetic sensor



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
<b>Typ PNP</b>	<b>IS-120-M5-10-S-Y7</b>
<b>Art.-No.</b>	<b>555 001</b>
<b>Connection diagram No.</b>	<b>4</b>
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)