



## Optoelectronic sensor

### Series 10 - PNP

#### Housing M12 x 1

- Housing material: brass
- Sensing range 0...300 mm adjustable
- With plug-in connector M12x1
- Energetic sensor



Certificate::

#### Technical data

Sensing range [mm], min. / max.	0 / 300
Transmitting range [m] with triple reflector	1
Electrical version	3-wire DC
Output function	NO
<b>Typ PNP</b>	<b>IS-120-M12-10-S-Y5</b>
<b>Art.-No.</b>	<b>556 101</b>
<b>Connection diagram No.</b>	<b>4</b>
Operating voltage ( $U_B$ )	10...35 V DC
Output current max. ( $I_e$ )	200 mA
Sender / Wavelength	LED red 660 nm
Extraneous light limit Halogen- / sunlight	5.000 / 10.000 Lux
Voltage drop max. ( $U_v$ )	2 V
Permitted residual ripple max.	10 %
No-load current ( $I_0$ )	typ. 15 mA
Frequency of operating cycles max.	1000 Hz
Permitted ambient temperature	-25...+55°C
LED-display	function reserves sufficient: green switching state: yellow
Protective circuit	built-in
Degree of protection IEC 529	IP 67
Connection	plug-in connector M12 x 1
Housing material	brass
Active surface	glass
Lid	-

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

