



Optoelectronic sensor

Series 10 - PNP

Rectangular housing 30 x 30 x 15 mm

- Housing material: PBTP
- Sensing range 1...1200 mm adjustable
- With plug-in connector M8 x 1
- Energetic sensor

Certificate::

Technical data

| | |
|--|--|
| Sensing range [mm], min. / max. | 1 / 1200 |
| Transmitting range [m] with triple reflector | 4 |
| Electrical version | 4-wire DC |
| Output function | antivalent |
| Typ NPN | IS-120-C30-20-A-Y7 |
| Art.-No. | 559 443 |
| Connection diagram No. | 3 |
| Typ PNP | IS-120-C30-10-A-Y7 |
| Art.-No. | 559 423 |
| Connection diagram No. | 6 |
| Operating voltage (U_B) | 10...35 V DC |
| Output current max. (I_e) | 2 x 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_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 | PBTP |
| Active surface | glass |
| Lid | - |

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

