

Overview

- through beam sensor
- 120 mm
- pulsed red LED
- Push-Pull
- potentiometer / IO-Link
- connector M8, 3 pin
- -25 ... 60 °C
- IP 67



Picture similar



Technical data

General data

| | |
|------------------------|--------------------------------|
| Type | Through beam sensor |
| Object size | > 0,8 mm |
| Repeat accuracy | < 0,06 mm |
| Hysteresis | < 0,25 mm |
| Sensitivity adjustment | Potentiometer, 270° IO-Link |
| Light source | Pulsed red LED |
| Wave length | 660 nm |
| Light indicator | LED yellow |

Communication interface

| | |
|-----------|--------------------|
| IO-Link | Yes |
| Interface | IO-Link V1.1 |
| Baud rate | 38,4 kBaud (COM 2) |

Electrical data

| | |
|------------------------------|--|
| Response time / release time | < 0.1 ms |
| Switching frequency | < 5000 Hz, default < 1500 Hz < 250 Hz < 8000 Hz |
| Voltage supply range +Vs | 10 ... 30 VDC |

Electrical data

| | |
|------------------------------------|---------------------------------|
| Current consumption max. (no load) | 30 mA |
| Output function | Light / dark operate switchable |
| Output circuit | Push-pull / IO-Link |
| Voltage drop Vd | < 2,8 VDC |
| Output current | < 200 mA |
| Short circuit protection | Yes |
| Reverse polarity protection | Yes |

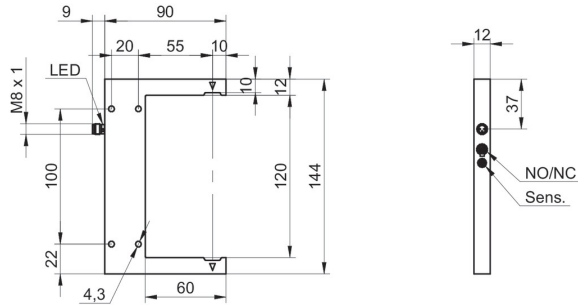
Mechanical data

| | |
|-------------------|------------------------------|
| Width / diameter | 144 mm |
| Fork width Sb | 120 mm |
| Height / length | 90 mm |
| Penetration depth | 60 mm |
| Depth | 12 mm |
| Type | U profile |
| Housing material | Stainless steel 1.4404 (V4A) |
| Connection types | Connector M8, 3 pin |

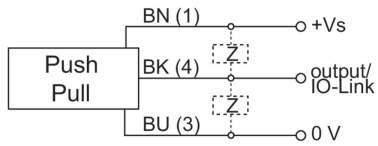
Ambient conditions

| | |
|-----------------------|----------------|
| Operating temperature | -25 ... +60 °C |
| Protection class | IP 67 |

Dimension drawing



Connection diagram



Pin assignment

