

## FVDM 15P5130/S14

Fiber optic sensors & cables

Article number: 10124952

### Overview

- 240 mm
- 1200 mm
- pulsed infrared diode
- PNP
- potentiometer, 20 turn
- connector M12 4 pin
- -25 ... 65 °C
- IP 65



Picture similar



### Technical data

#### General data

|                                        |                        |
|----------------------------------------|------------------------|
| Actual range Sb                        | 1200 mm                |
| Sensing distance Tw                    | 240 mm                 |
| Light source                           | Pulsed infrared diode  |
| Light indicator                        | LED yellow             |
| Alignment / soiled lens in-<br>dicator | LED, flashing          |
| Adjustment                             | Potentiometer, 20 turn |
| Wave length                            | 880 nm                 |
| Suppression of reciprocal<br>influence | Yes                    |

#### Electrical data

|                                       |               |
|---------------------------------------|---------------|
| Response time / release<br>time       | < 0.1 ms      |
| Voltage supply range +Vs              | 10 ... 30 VDC |
| Current consumption max.<br>(no load) | 60 mA         |
| Current consumption typ.              | 50 mA         |

#### Electrical data

|                             |                      |
|-----------------------------|----------------------|
| Voltage drop Vd             | < 1.8 VDC            |
| Output function             | Light / dark operate |
| Output circuit              | PNP                  |
| Output current              | < 200 mA             |
| Short circuit protection    | Yes                  |
| Reverse polarity protection | Yes                  |

#### Mechanical data

|                  |                     |
|------------------|---------------------|
| Width / diameter | 15 mm               |
| Height / length  | 60 mm               |
| Depth            | 45 mm               |
| Type             | Rectangular         |
| Housing material | Die-cast aluminum   |
| Connection types | Connector M12 4 pin |

#### Ambient conditions

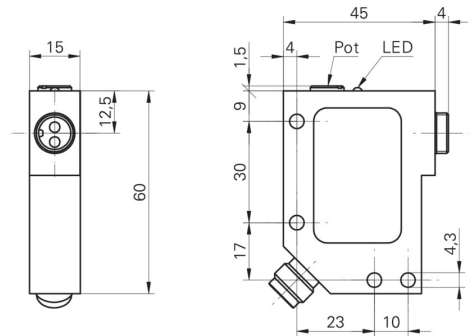
|                       |                |
|-----------------------|----------------|
| Operating temperature | -25 ... +65 °C |
| Protection class      | IP 65          |

## FVDM 15P5130/S14

Fiber optic sensors & cables

Article number: 10124952

### Dimension drawing



### Connection diagram

