

# FZDK 07P6901

Diffuse sensors with intensity difference - subminiature

Article number: 10151057

## Overview

- intensity difference
- 20 ... 150 mm
- pulsed red LED
- PNP
- Teach-in
- cable bottom side, 2 m
- -20 ... 50 °C
- IP 65



Picture similar



## Technical data

### General data

Type	Intensity difference
Light source	Pulsed red LED
Sensing distance Tw	20 ... 150 mm
Alignment / soiled lens indicator	Flashing light indicator
Light indicator	LED green
Output indicator	LED yellow
Sensitivity adjustment	Teach-in
Wave length	660 nm
Suppression of reciprocal influence	Yes

### Electrical data

Response time / release time	< 0.5 ms
Voltage supply range +Vs	10 ... 30 VDC
Current consumption max. (no load)	25 mA
Current consumption typ.	20 mA

### Electrical data

Voltage drop Vd	< 1.8 VDC
Output function	Light / dark operate
Output circuit	PNP
Output current	< 100 mA
Short circuit protection	Yes
Reverse polarity protection	Yes

### Mechanical data

Width / diameter	8 mm
Height / length	16.2 mm
Depth	10.8 mm
Type	Rectangular
Housing material	Plastic (PMMA, MABS, PA)
Front (optics)	PMMA
Connection types	Cable bottom side, 2 m

### Ambient conditions

Protection class	IP 65
Operating temperature	-20 ... +50 °C

## Remarks

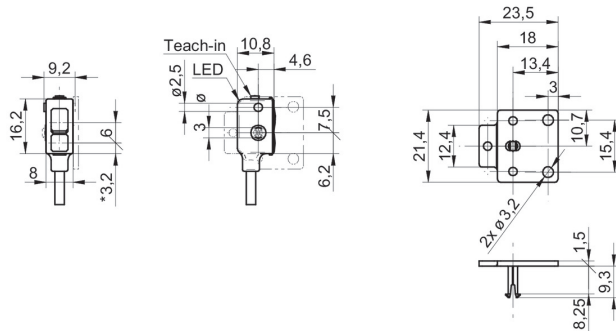
- Sensitivity adjustable: via Teach-in button or Teach-in wire input

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## Dimension drawing



- \* emitter axis

## Connection diagram

