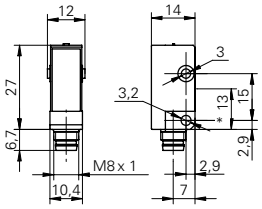
# Through beam sensors

# FSDK 10D9601/S35A

## dimension drawing




* emitter axis

## general data

| | |
|---|---|
| type | through beam sensor |
| emitter / receiver | emitter |
| light source | pulsed red LED |
| actual range Sb | 5 m |
| nominal range Sn | 6 m |
| wave length | 660 nm |

## electrical data

| | |
|---|---|
| voltage supply range +Vs | 10 ... 30 VDC |
| current consumption max. | 23 mA |
| current consumption typ. | 15 mA |
| reverse polarity protection | yes |

## mechanical data

| | |
|---|---|
| width / diameter | 10,4 mm |
| height / length | 27 mm |
| depth | 14 mm |
| type | rectangular |
| housing material | plastic (ASA) |
| front (optics) | PMMA |
| connection types | connector M8, 4 pin |

## ambient conditions

| | |
|---|---|
| operating temperature | -25 ... +65 °C |
| protection class | IP 67 |

## photo



## connection diagram

