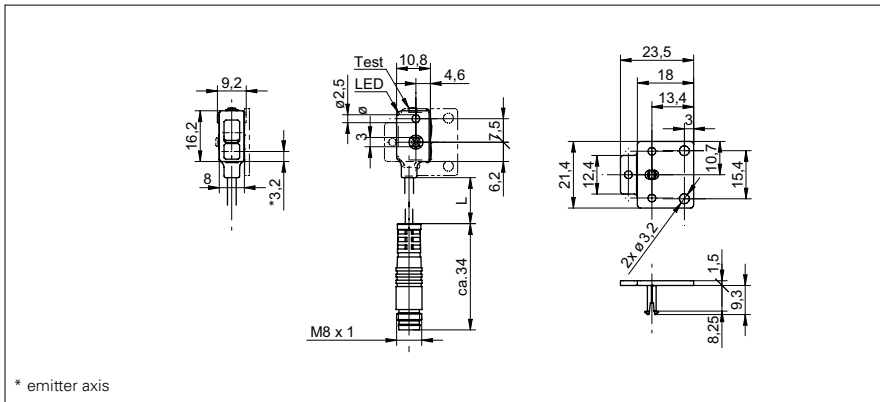


## Through beam sensors

## FSDK 07D9601/KS35A

### dimension drawing



### general data

|                     |                     |
|---------------------|---------------------|
| type                | through beam sensor |
| emitter / receiver  | emitter             |
| light source        | pulsed red LED      |
| actual range $S_b$  | 2 m                 |
| nominal range $S_n$ | 2,5 m               |
| wave length         | 660 nm              |

### electrical data

|                                    |               |
|------------------------------------|---------------|
| voltage supply range +Vs           | 10 ... 30 VDC |
| current consumption max. (no load) | 20 mA         |
| current consumption typ.           | 12 mA         |
| 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 | flylead connector M8 4 pin, L=200 mm |

### ambient conditions

|                       |                |
|-----------------------|----------------|
| operating temperature | -20 ... +50 °C |
| protection class      | IP 65          |

### photo



### connection diagram

