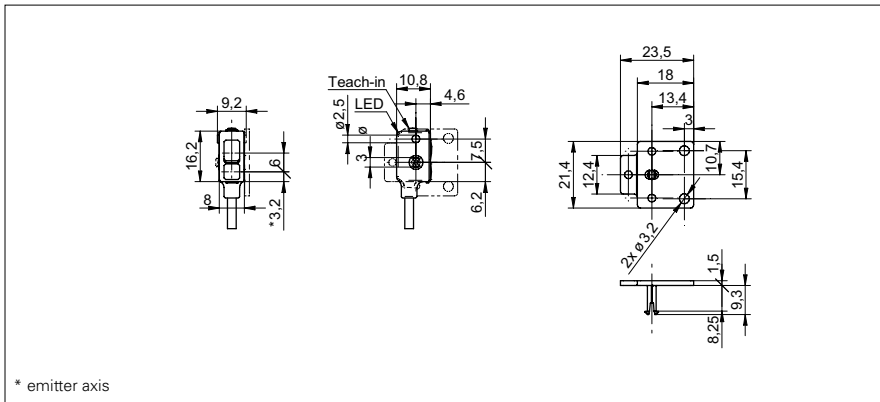


SmartReflect Light barriers

FNDK 07P6910

dimension drawing



general data

| | |
|-------------------------------------|----------------|
| type | light barrier |
| light source | pulsed red LED |
| background position Sde | 17 ... 45 mm |
| scanning range sa | 82% Sde |
| light indicator | LED green |
| output indicator | LED yellow |
| sensing distance 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 |
| 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 |

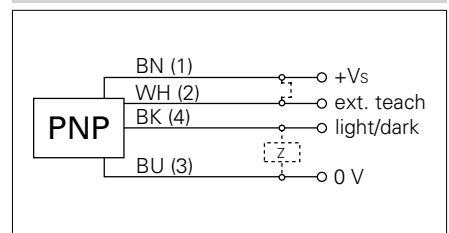
ambient conditions

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

photo



connection diagram



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