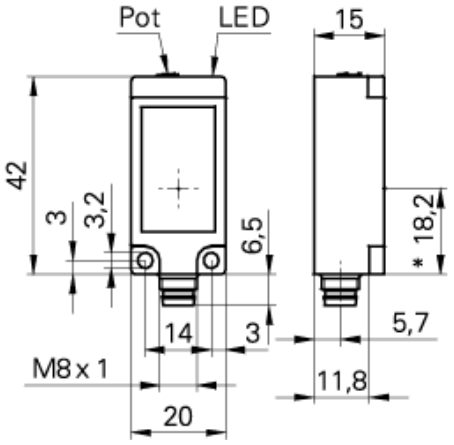
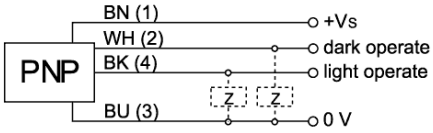
# Through beam sensors (Receiver), rectangular, plastic
# FEDK 20P5101/S35A




* receiver axis

| Technical Data | |
|---|---|
| polarization filter | - |
| function | through beam sensor |
| emitter / receiver | receiver |
| output | PNP |
| output state | light/dark operate |
| housing style | rectangular |
| width /diameter | 20 mm |
| height | 42 mm |
| depth | 15 mm |
| housing material | plastic (PBT-ASA) |
| connection | connector |
| nominal range Sn | 0 - 8 m |
| actual range Sb | 0 - 6 m |
| beam focal point | - |
| repeatability | - |
| output indicator | LED yellow |
| alignment aid / soiled lens indicator | flashing LED |
| wave length | - |
| light source | - |
| laser class (norm) | - |
| voltage supply range +Vs | 10 - 30 VDC |
| supply current average/peak value | 20 / 20 mA |
| switching current | < 100 mA |
| voltage drop | < 1,8 VDC |
| response time / release time | < 0,5 ms |
| automatic adjustment time | - |
| min. pulse length teach signal | - |
| sensitivity adjustable | Pot, 270° |
| short circuit protection | yes |
| reverse polarity protection | yes |
| temperature range | -25 ... +65 °C |
| protection class | IP 67 |
| connectors | ES 8A, ES 9A, ESW 31A, ESG 32A |

**photo**

**connection diagram**