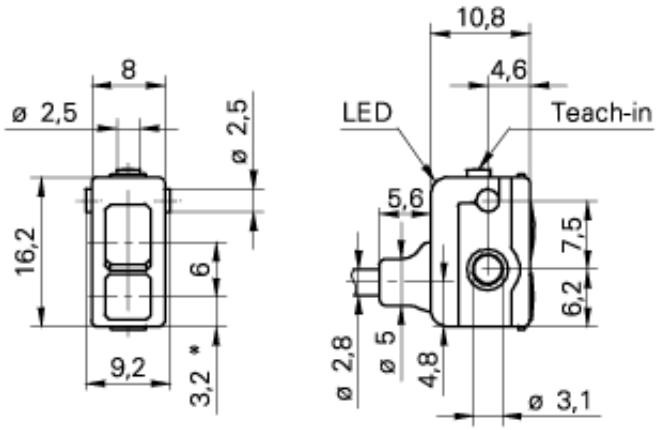
# Diffuse sensors (Intensity difference), rectangular, plastic

# FZCK 07P6901/KS35A

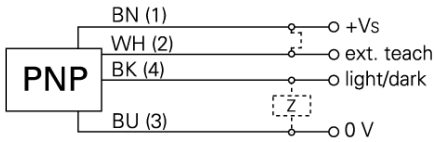



* emitter axis

| Technical Data | |
|---|---|
| function | intensity difference |
| sensing distance Tw | 20 - 150 mm |
| sensing range Tb (at Tw min) | - |
| sensing range Tb (at Tw max) | - |
| output | PNP |
| output state | light/dark operate |
| housing style | rectangular |
| width /diameter | 8 mm |
| height | 16,2 mm |
| depth | 10,8 mm |
| housing material | plastic (PMMA, MABS, PA) |
| connection | flylead connector |
| operating range | - |
| beam focal point | - |
| repeatability | - |
| min. detectable contrast | - |
| output indicator | LED green |
| alignment aid / soiled lens indicator | flashing LED |
| light source | pulsed red diode |
| wave length | 660 nm |
| laser class | - |
| voltage supply range +Vs | 10 - 30 V |
| supply voltage | DC |
| supply current average/peak value | 20 / 25 mA |
| switching current | < 100 mA |
| voltage drop | < 1,8 VDC |
| response time / release time | < 0,5 ms |
| sensitivity adjustable | teach-in button |
| short circuit protection | yes |
| reverse polarity protection | yes |
| temperature range | -20 ... +50 °C |
| protection class | IP 65 |
| connectors | ESW 31A, ESG 32A |

**photo**

**connection diagram**




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