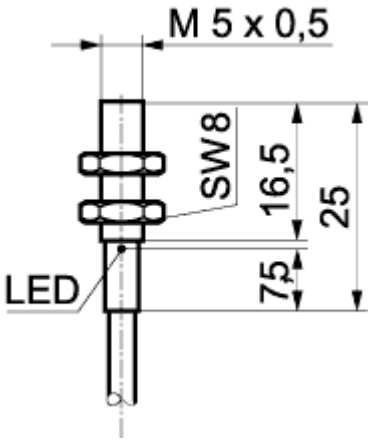
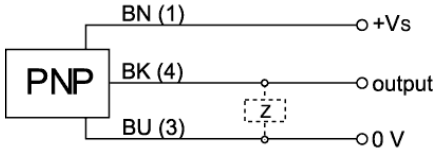
# Inductive sensors, 3-wire, cylindrical, metal
# IFRM 05P15A1/L




| Technical Data | |
|---|---|
| sensing distance Sn | 1 mm |
| output | PNP |
| output state | NO |
| mounting | shielded |
| housing style | cylindrical |
| size | 05 mm |
| length | 25 mm |
| housing material | stainless steel |
| connection | cable |
| voltage supply range +Vs | 10 - 30 V |
| supply voltage | DC |
| supply current | < 12 mA |
| max. switching current | < 100 mA |
| voltage drop Vd | < 2 V |
| switching frequency | < 5000 Hz |
| switching hysteresis | 2 - 20 % of Sr |
| output indicator | LED red |
| short circuit protection | yes |
| reverse polarity protection | yes |
| temperature range | -25 ... +75 °C |
| sensing face material | LCP |
| protection class | IP 67 |
| connector options | - |

**photo**

**circuit diagram**




standard execution with PUR cable
25 mm housing length
optional .../KS35 flylead connector version
(M8 x 1)