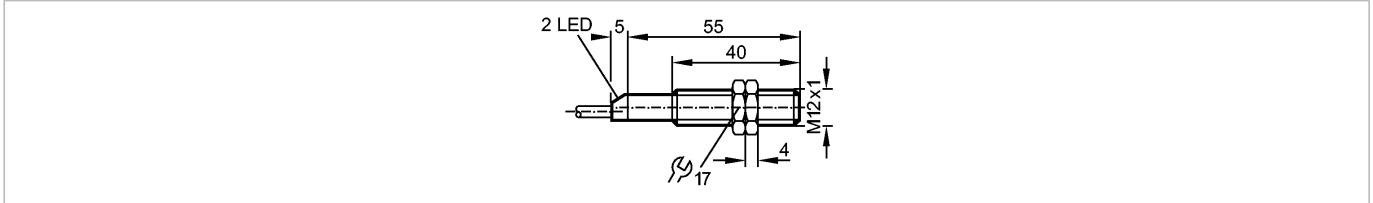




OFS-00KG

Photoelectric sensors



Product characteristics

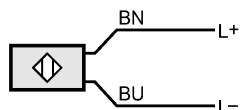
| | |
|-------------------------------|---|
| Through-beam sensor | |
| Threaded type | |
| M12 x 1 | |
| Cable | |
| Transmitter | |
| Sensing range 4m | |
| Electrical data | |
| Electrical design | DC |
| Operating voltage [V] | 10...36 DC |
| Current consumption [mA] | < 20 |
| Type of light | Infrared light 880 nm |
| Protection class | II |
| Reverse polarity protection | yes |
| Outputs | |
| Short-circuit protection | yes (non-latching) |
| Overload protection | yes |
| Monitoring range | |
| Sensing range [m] | 4 |
| Light spot diameter [mm] | 700 (at maximum range) |
| Environment | |
| Ambient temperature [°C] | -25...60 |
| Protection | IP 67 |
| Tests / approvals | |
| EMC | EN 60947-5-2 |
| MTTF [Years] | 1597 |
| Mechanical data | |
| Housing materials | brass nickel-plated |
| Lens material | PMMA |
| Weight [kg] | 0.092 |
| Displays / operating elements | |
| Power LED | green |
| Electrical connection | |
| Connection | PUR cable / 2 m; 2 x 0.34 mm ² |

Wiring

Core colors

BN brown

BU blue



Accessories

| | |
|------------------------|-------------|
| Accessories (included) | 2 lock nuts |
|------------------------|-------------|

Remarks

OF5018 - Through-beam sensor - eclass: 27270901 / 27-27-09-01

Pack quantity [piece] 1

ifm efector, inc. • 1100 Atwater Drive • Malvern • PA 19355 — We reserve the right to make technical alterations without prior notice. — US — OF5018 — 14.11.2011