# SMRR 7600 TS 5

## Retro Reflective

Photoelectric Sensors



| Product Data | |
|---|---|
| Function | Both |
| Operation Mode | Retro Reflective |
| Supply Voltage | 10 - 30 V dc |
| Control Feature | Sensitivity pot. and light/dark switch |
| Connection | 5 m cable |
| Sensing Range | 3 m |
| Output | NPN/PNP |
| Output Status | N.C./N.O. |
| Light Source | Infrared (880 nm) |
| Housing Material | Stainless Steel |
| Housing | M18 x 1 |

| Technical Data | |
|---|---|
| Supply Voltage | 10 - 30 V dc |
| Voltage Ripple | 15 % |
| Reverse Polarity Protected | Yes |
| Short Circuit Protected | Yes |
| Current Consumption | 20 mA |
| Max. Output Load | 120 mA / 30 V dc |
| Max. Residual Voltage | 2 V |
| Max. Operation Frequency | 250 Hz |
| Response Time ton / toff | 2 ms / 2 ms |
| Power On Indicator | Green LED |
| Output Indicator | Yellow LED |
| Hysteresis | Approx. 3 - 10 % |
| Light Source | Infrared (880 nm) |
| Opening Angle | +/- 3,5° |
| Housing Material, Front Lens | Polycarbonate |

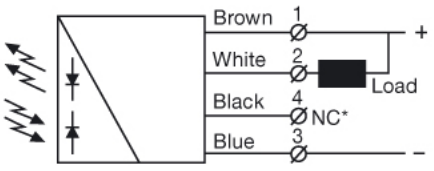
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| | |
|---|---|
| Housing Material, Sensor Housing | Stainless Steel (AISI 316 / 1.4401) |
| Cable | 4 x 0,14 mm² |
| Cable Sleeve | PVC Ø 4,0 mm |

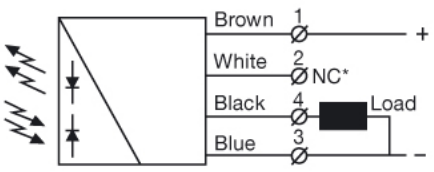
| **Environmental Data** | |
|---|---|
| Vibration | 10 - 55 Hz, 0,5 mm |
| Shock | 30 g |
| Operation Temperature | -20 to +60 °C |
| Storage Temperature | -40 to +80 °C |
| Sealing Class | IP 67 |
| Light Immunity 15° | > 25 000 lux |

## Approvals

## Wiring Diagram



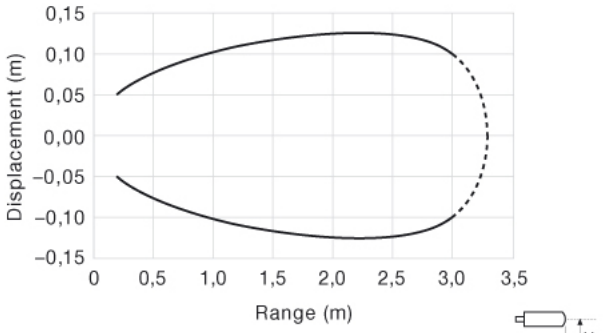

*Do not connect black wire
**Load as NPN**




*Do not connect white wire
**Load as PNP**

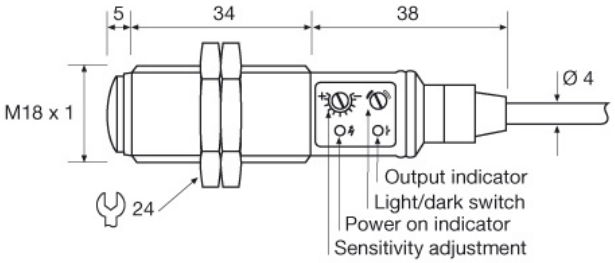
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## Parallel Displacement




**SMRR 7x00 with Ø84mm reflector**

## Dimensions




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