# SMT 6000 TS T4

## Thru Beam

Photoelectric Sensors




**Compatible Receivers:**

SMR 6406 TS T4
SMR 6506 TS T4
SMR 6402 TS T4
SMR 6502 TS T4

| **Product Data** | |
|---|---|
| Function | Transmitter |
| Operation Mode | Thru Beam |
| Supply Voltage | 10 - 32 V dc |
| Control Feature | Adjustable range and test input |
| Connection | 4 pin, M8 plug |
| Sensing Range | 6 m |
| Light Source | Infrared (880 nm) |
| Housing Material | Stainless Steel |
| Housing | M12 x 1 |

| **Technical Data** | |
|---|---|
| Supply Voltage | 10 - 32 V dc |
| Voltage Ripple | 15 % |
| Reverse Polarity Protected | Yes |
| Current Consumption | Max. 320 mW |
| Test Input | Yes |
| Control Input | Adjustable range |
| Power On Indicator | Green LED |
| Light Source | Infrared (880 nm) |
| Emission Angle | +/- 10° |
| Housing Material, Front Lens | Polycarbonate |
| Housing Material, Sensor Housing | Stainless Steel (AISI 316 / 1.4401) |
| Cable | 3 x 0,14 mm² |
| Cable Sleeve | PVC Ø 4,0 mm |

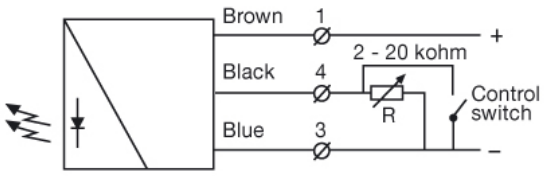
| **Environmental Data** | |
|---|---|
| Vibration | 10 - 55 Hz, 0.5 mm |
| Shock | 30 g |

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| | |
|---|---|
| Operation Temperature | -20 to +60 °C |
| Storage Temperature | -40 to +80 °C |
| Sealing Class | IP 67 |

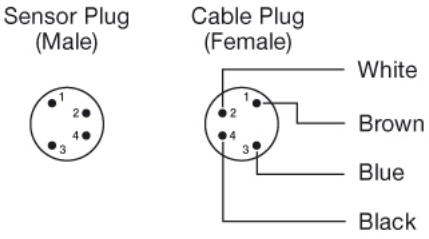
## Approvals

## Wiring Diagram



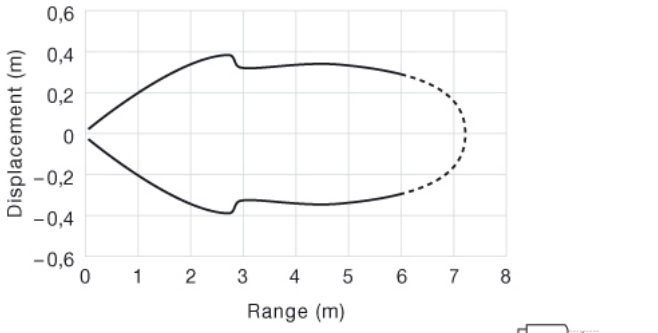

## Connections

**4 pin, M8**



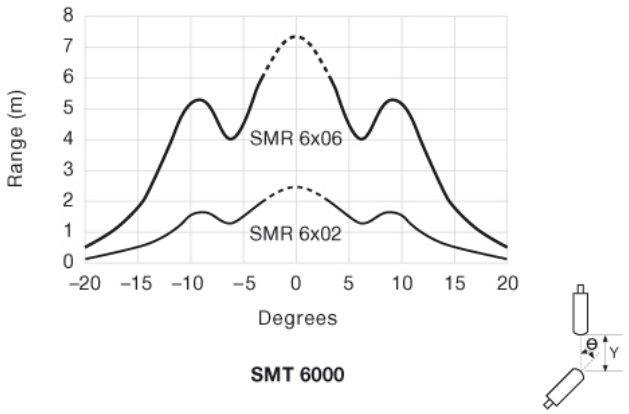

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## Parallel Displacement




**SMT 6000 and SMR 6x06**

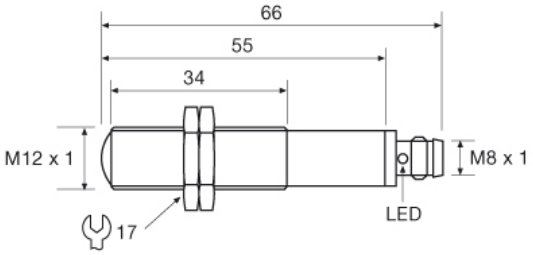
## Angular Displacement




**SMT 6000**

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**Dimensions**




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