

SMR 6206 TS T3**Thru Beam**

Photoelectric Sensors

Compatible Transmitter:

SMT 6000 TS T3



| Product Data | |
|------------------|-----------------|
| Function | Receiver |
| Operation Mode | Thru Beam |
| Supply Voltage | 10 - 32 V dc |
| Connection | 3 pin, M8 plug |
| Sensing Range | 6 m |
| Output | PNP |
| Output Status | N.C. |
| Housing Material | Stainless Steel |
| Housing | M12 x 1 |

| Technical Data | |
|------------------------------------|-------------------------------------|
| Supply Voltage | 10 - 32 V dc |
| Voltage Ripple | 15 % |
| Reverse Polarity Protected | Yes |
| Short Circuit Protected | Yes |
| Current Consumption | Max. 320 mW |
| Max. Output Load | 100 mA |
| Max. Residual Voltage | 2,5 V |
| Max. Operation Frequency | 100 Hz |
| Response Time t_{on} / t_{off} | 5 ms / 5 ms |
| Output Indicator | Yellow LED |
| Hysteresis | Approx. 30 % |
| Opening Angle | +/- 6° |
| Housing Material, Front Lens | Polycarbonate |
| Housing Material, Sensor Housing | Stainless Steel (AISI 316 / 1.4401) |
| Cable | 3/4 x 0,14 mm ² |
| Cable Sleeve | PVC Ø 4,0 mm |

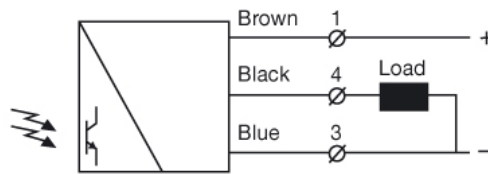
Environmental Data

| | |
|-----------------------|--------------------|
| 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 5* | > 50 000 lux |

Approvals



Wiring Diagram



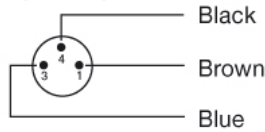
Connections

3 pin, M8

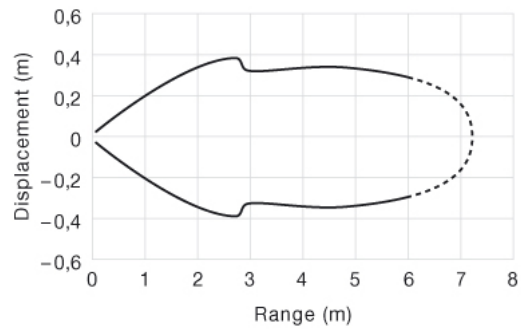
Sensor Plug (Male)



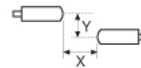
Cable Plug (Female)



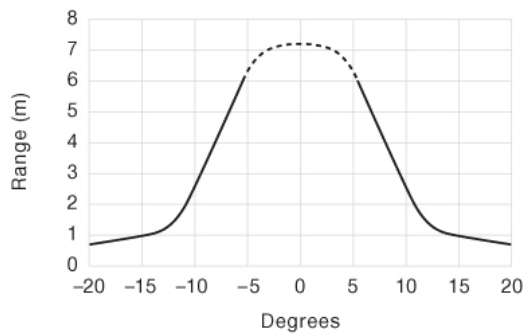
Parallel Displacement



SMT 6000 and SMR 6x06



Angular Displacement



SMR 6x06



Dimensions

