

SMT 6000 AP 5

Thru Beam

Photoelectric Sensors

Compatible Receivers:

SMR 6006 AP 5
 SMR 6106 AP 5
 SMR 6206 AP 5
 SMR 6306 AP 5
 SMR 6002 AP 5
 SMR 6002 AS 5
 SMR 6102 AP 5
 SMR 6202 AP 5
 SMR 6302 AP 5



| Product Data | |
|------------------|---------------------------------|
| Function | Transmitter |
| Operation Mode | Thru Beam |
| Supply Voltage | 10 - 32 V dc |
| Control Feature | Adjustable range and test input |
| Connection | 5 m cable |
| Sensing Range | 6 m |
| Light Source | Infrared (880 nm) |
| Housing Material | Plastic |
| Housing | Ø10 |

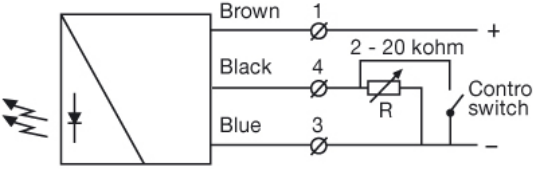
| Technical Data | |
|----------------------------------|-------------------|
| Supply Voltage | 10 - 32 V dc |
| Voltage Ripple | 15 % |
| Reverse Polarity Protected | Yes |
| Current Consumption | Max. 320 mW |
| Test Input | Yes |
| Control Input | Adjustable range |
| Power On Indicator | Green LED |
| Light Source | Infrared (880 nm) |
| Emission Angle | +/- 10° |
| Housing Material, Front Lens | Polycarbonate |
| Housing Material, Sensor Housing | Polycarbonate |
| 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 |
| Operation Temperature | -20 to +60 °C |
| Storage Temperature | -40 to +80 °C |
| Sealing Class | IP 67 |

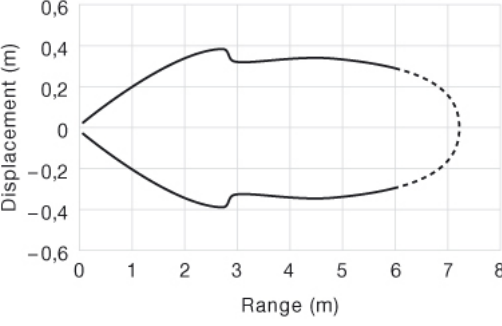
Approvals



Wiring Diagram



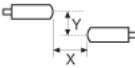
Parallel Displacement



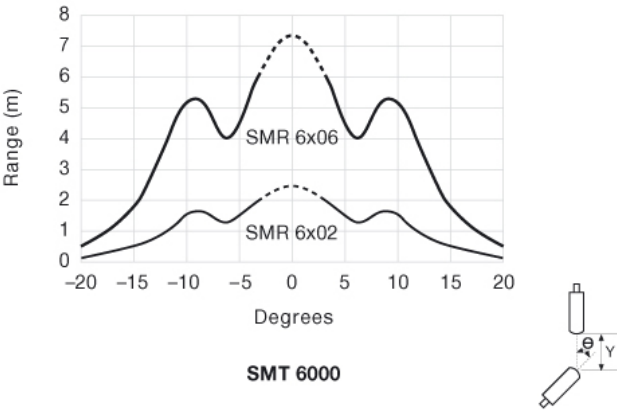
Displacement (m)

Range (m)

SMT 6000 and SMR 6x06



Angular Displacement



Dimensions

