

# SMT 6000 SG 5

## Thru Beam

Photoelectric Sensors

### Compatible Receivers:

SMR 6006 SG 5

SMR 6106 SG 5

SMR 6206 SG 5

SMR 6306 SG 5

SMR 6002 SG 5

SMR 6102 SG 5

SMR 6202 SG 5

SMR 6302 SG 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	9,5 x 11,5

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
Light Source	Infrared (880 nm)
Emission Angle	+/- 10°
Housing Material, Front Lens	Polycarbonate
Housing Material, Sensor Housing	Polyester
Cable	3 x 0,14 mm <sup>2</sup>
Cable Sleeve	PVC Ø 4,0 mm

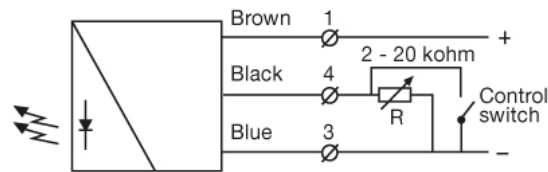
**Environmental Data**

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

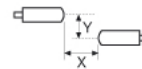
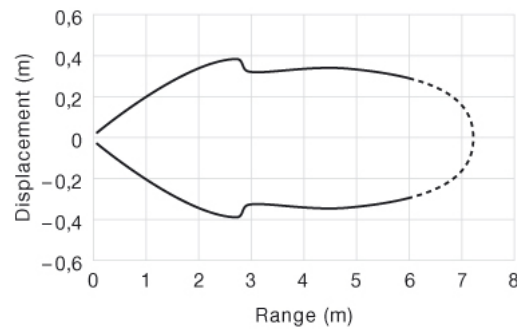
**Approvals**



**Wiring Diagram**

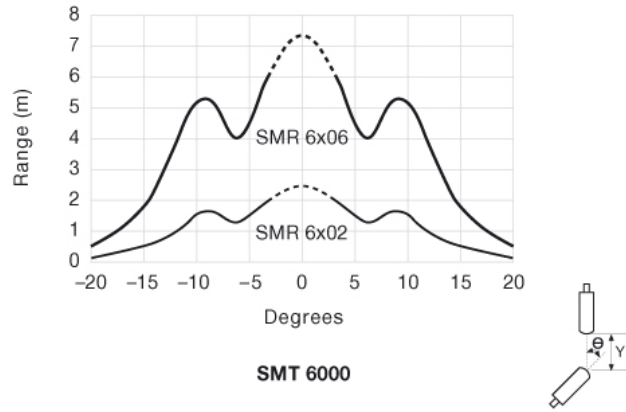


**Parallel Displacement**



**SMT 6000 and SMR 6x06**

Angular Displacement



SMT 6000

Dimensions

