

# SMT 6000 SG T3

## Thru Beam

Standard, Photoelectric Sensors

### Compatible Receivers:

SMR 6002 SG T3, SMR 6006 SG T3, SMR 6102 SG T3, SMR 6106 SG T3, SMR 6202 SG T3, SMR 6206 SG T3, SMR 6302 SG T3, SMR 6306 SG T3



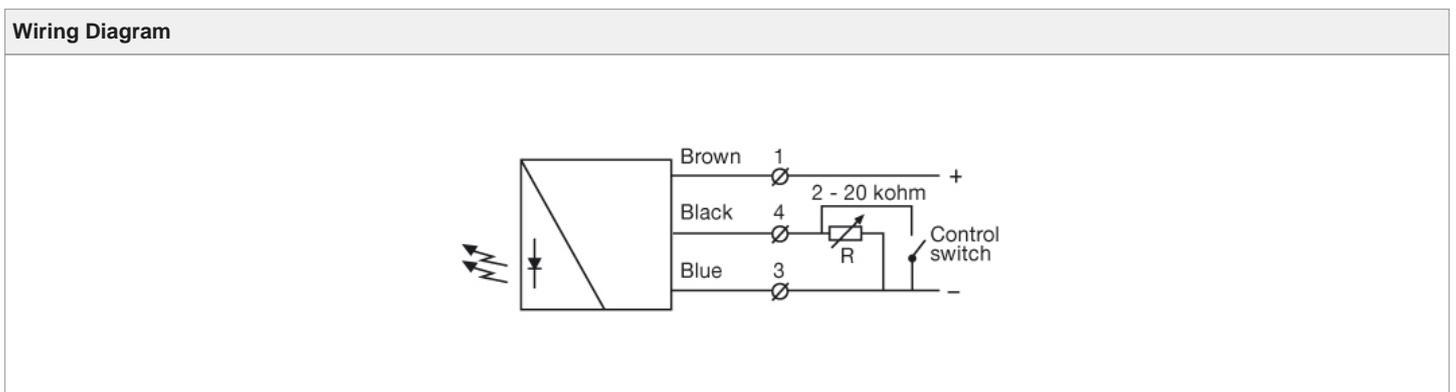
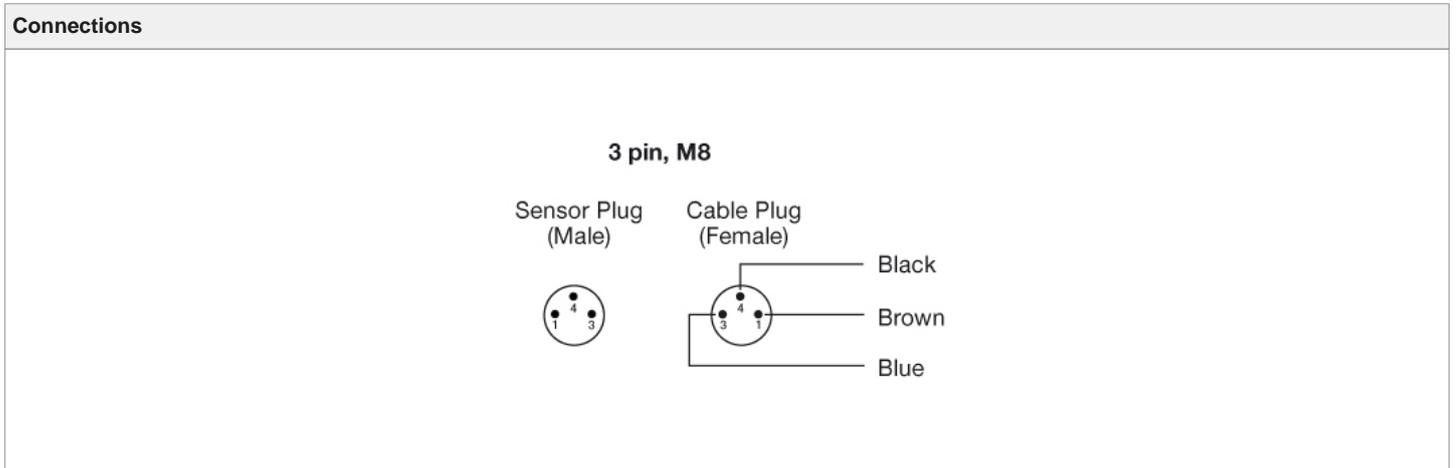
Product Data	
Function:	Transmitter
Supply Voltage:	10 - 32 V dc
Light Source:	Infrared (880 nm)
Housing Material:	Plastic
Housing:	9,5 x 11,5
Control Feature:	Adjustable range and test input
Connection:	3 pin, M8 plug
Sensing Range:	6 m
Output:	-
Output Status:	-
Operation Mode:	Thru Beam

Technical Data	
Supply Voltage:	10 - 32 V dc
Voltage Ripple:	15 %
Reverse Polarity Protected:	Yes
Short Circuit Protected:	-
Current Consumption:	Max. 320 mW
Max. Output Load:	-
Max. Residual Voltage:	-
Max. Operation Frequency:	-
Power On Indicator:	Green LED
Output Indicator:	-
Hysteresis:	-
Light Source:	Infrared (880 nm)
Opening Angle:	-
Emission Angle:	+/- 10°
Cable:	3 x 0,14 mm <sup>2</sup>

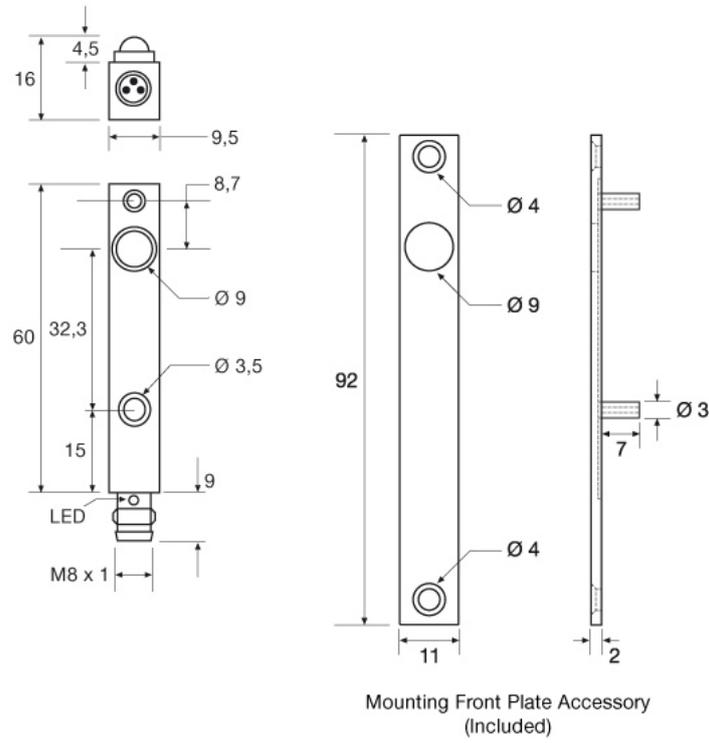
Response Time ton / toff:	-
Housing Material Sensor Housing:	Polyester
Housing Material Lens Cover:	Polycarbonate
Cable Sleeve:	PVC Ø 4,0 mm
Test Input:	Yes
Control Input:	Adjustable range

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°:	-

Approvals

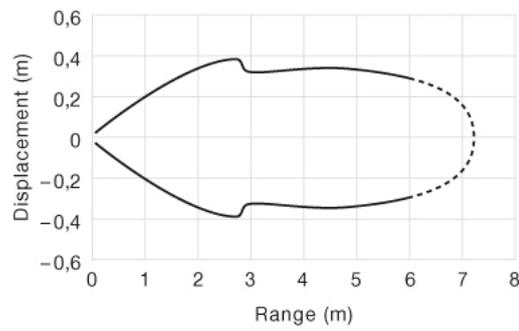



Dimensions

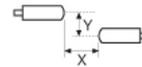


Sensing Characteristics

Parallel Displacement



SMT 6000 and SMR 6x06



Angular Displacement

