SMT 6000 AP T3

Thru Beam

Photoelectric Sensors



Compatible Receivers:

SMR 6006 AP T3
SMR 6106 AP T3
SMR 6206 AP T3
SMR 6306 AP T3
SMR 6002 AP T3
SMR 6002 AS T3
SMR 6102 AP T3
SMR 6202 AP T3
SMR 6302 AP T3

Product Data	
Function	Transmitter
Operation Mode	Thru Beam
Supply Voltage	10 - 32 V dc
Control Feature	Adjustable range and test input
Connection	3 pin, M8 plug
Sensing Range	6 m
Light Source	Infrared (880 nm)
Housing Material	Plastic
Housing	Ø10

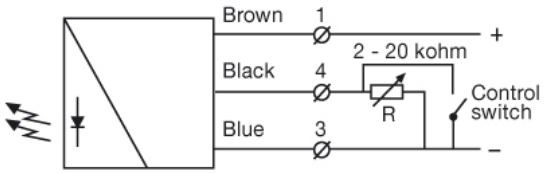
Technical Data	
Supply Voltage	10 - 32 V dc
Voltage Ripple	15 %
Reverse Polarity Protected	Yes
Current Consumption	Max. 320 mW
Test Input	Yes
Control Input	Adjustable range
Power On Indicator	Green LED
Light Source	Infrared (880 nm)
Emission Angle	+/- 10°
Housing Material, Front Lens	Polycarbonate
Housing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

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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

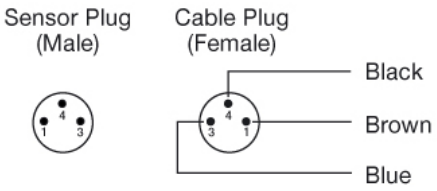
Approvals

Wiring Diagram



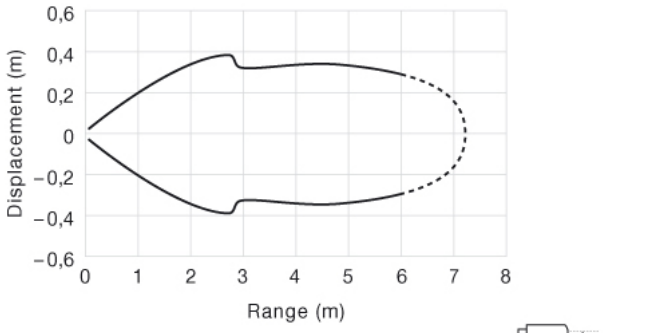
Connections

3 pin, M8



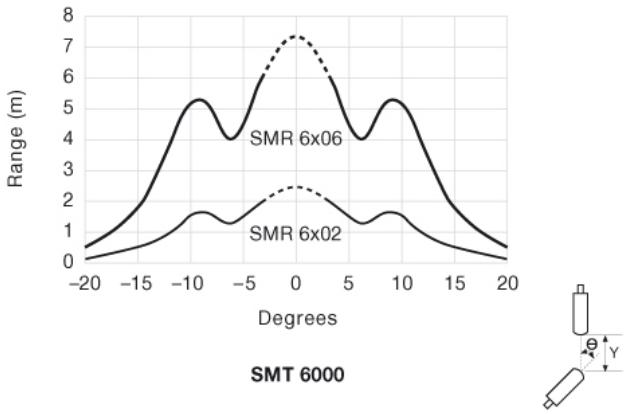
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Parallel Displacement



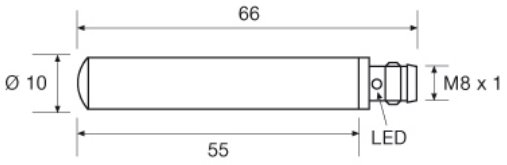
SMT 6000 and SMR 6x06

Angular Displacement



SMT 6000

Dimensions



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