SMR 7707 TP J

Thru Beam

Photoelectric Sensors



Compatible Transmitter:
SMT 7000 TP J

Product Data	
Function	Receiver
Operation Mode	Thru Beam
Supply Voltage	10 - 30 V dc
Control Feature	Sensitivity pot.
Connection	4 pin, M12 plug
Sensing Range	7 m
Output	PNP/PNP
Output Status	N.C./N.O.
Housing Material	Plastic
Housing	M18 x 1

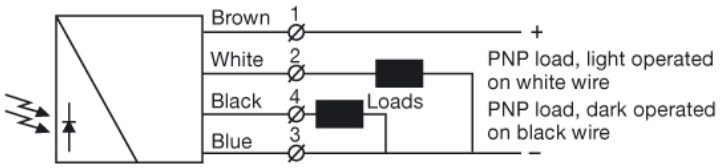
Technical Data	
Supply Voltage	10 - 30 V dc
Voltage Ripple	15 %
Reverse Polarity Protected	Yes
Short Circuit Protected	Yes
Current Consumption	15 mA
Max. Output Load	120 mA / 30 V dc
Max. Residual Voltage	2 V
Max. Operation Frequency	1000 Hz
Response Time ton / toff	0,5 ms / 0,5 ms
Power On Indicator	Green LED
Output Indicator	Yellow LED
Hysteresis	Approx. 15 - 20 %
Opening Angle	+/- 6°
Housing Material, Front Lens	Polycarbonate
Housing Material, Sensor Housing	Polycarbonate

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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
Light Immunity 5˚	> 20 000 lux

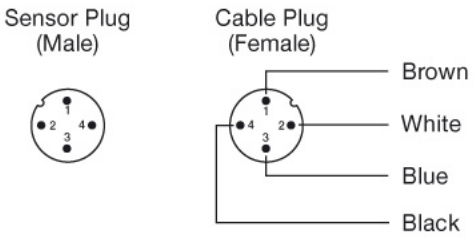
Approvals

Wiring Diagram



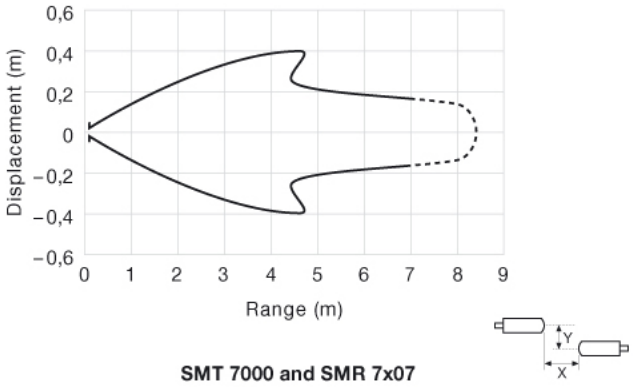
Connections

4 pin, M12



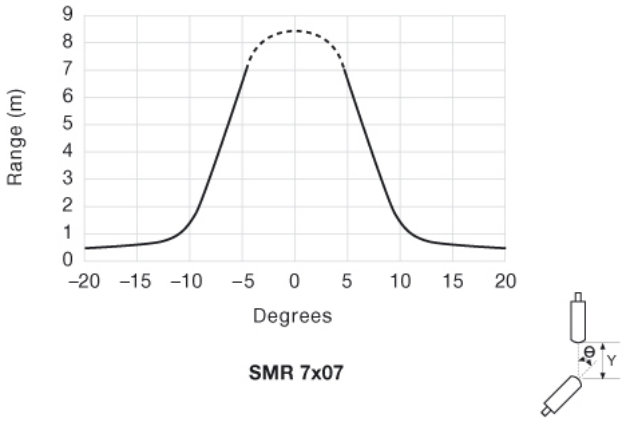
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Parallel Displacement



SMT 7000 and SMR 7x07

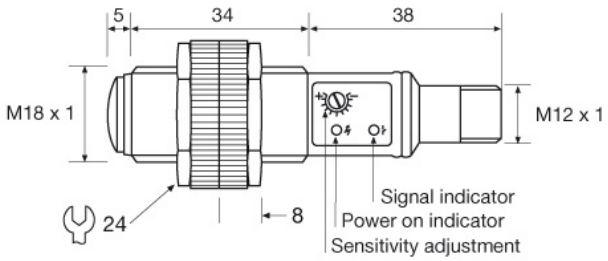
Angular Displacement



SMR 7x07

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Dimensions



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