SMR 8820 MG 5

Thru Beam

Photoelectric Sensors



Compatible Transmitter:
SMT 8600H MG 5

Product Data	
Function	Receiver
Operation Mode	Thru Beam
Supply Voltage	20 - 250 V ac
Control Feature	Light/dark switch
Connection	5 m cable
Sensing Range	20 m
Output	SCR
Output Status	N.C./N.O.
Housing Material	Stainless Steel
Housing	M18 x 1

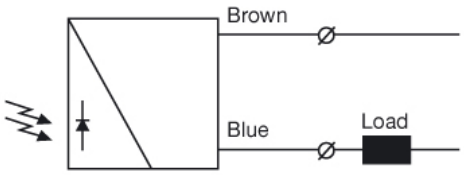
Technical Data	
Supply Voltage	20 - 250 V ac
Voltage Ripple	15 %
Current Consumption	2 mA
Max. Output Load	200 mA
Max. Residual Voltage	8 V
Max. Operation Frequency	20 Hz
Response Time ton / toff	25 ms / 25 ms
Power On Indicator	Green LED
Output Indicator	Yellow LED
Hysteresis	Approx. 10 - 30 %
Opening Angle	+/- 6°
Housing Material, Front Lens	Polycarbonate
Housing Material, Sensor Housing	Stainless Steel (AISI 316 / 1.4401)
Cable	2 x 0,25 mm²
Cable Sleeve	PVC Ø 5,2 mm

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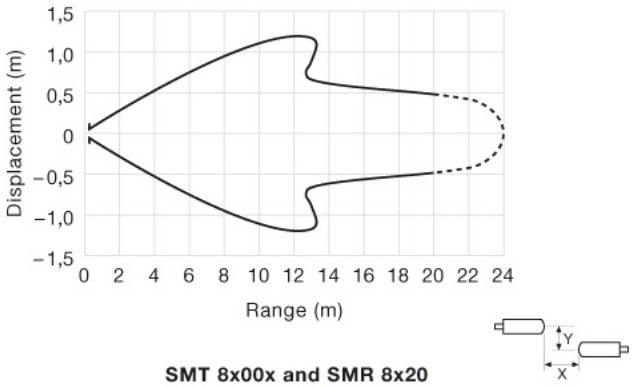
Environmental Data	
Vibration	10 - 55 Hz, 0,5 mm
Shock	30 g
Operation Temperature	-20 to +60 °C
Storage Temperature	-40 to +80 °C
Sealing Class	IP 67
Light Immunity 5˚	> 7 000 lux

Approvals

Wiring Diagram



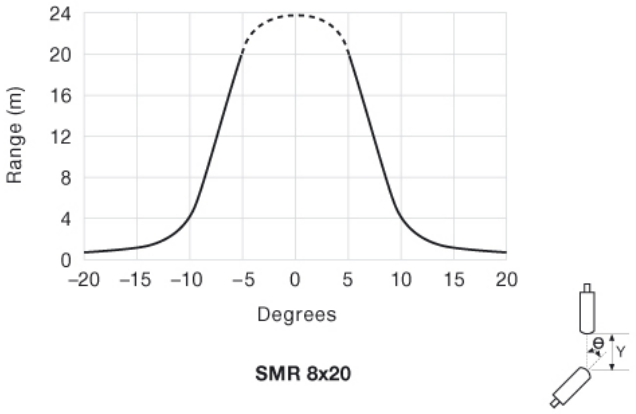
Parallel Displacement



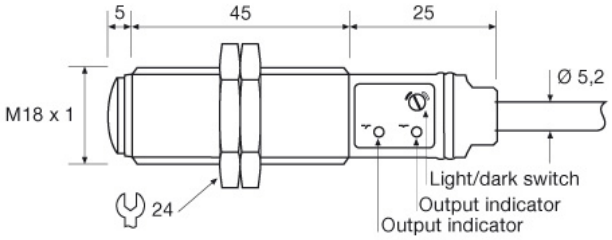
SMT 8x00x and SMR 8x20

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Angular Displacement



Dimensions



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