SPR 2945 5

Thru Beam

Photoelectric Sensors

Compatible Transmitter:
SPT 2945 5



Product Data	
Function	Receiver
Operation Mode	Thru Beam
Supply Voltage	12 - 240 V ac/dc
Control Feature	Sensitivity pot. and light/dark switch
Connection	5 m cable
Sensing Range	45 m
Output	Relay
Output Status	N.C./N.O.
Housing Material	Plastic
Housing	17 x 50 x 50

Technical Data	
Supply Voltage	12-240 V dc / 20-240 V ac
Voltage Ripple	+/– 15 %
Current Consumption	< 70 mA
Max. Operation Frequency	25 Hz
Response Time ton / toff	20 ms / 20 ms
Output, Relay	1 open / 1 close, 240 V ac / 2 A
Power On Indicator	Green LED
Output Indicator	Yellow LED
Signal Status Indicator	Red LED
Hysteresis	20 – 30 %
Opening Angle	+/– 2,5°
Housing Material, Front Lens	Polycarbonate
Housing Material, Sensor Housing	Polycarbonate / ABS
Cable	5 x 0,20 mm2
Cable Sleeve	PVC Ø 4,9 mm

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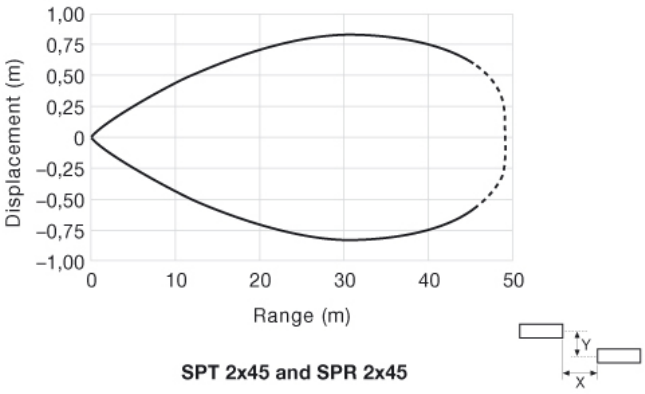
Environmental Data	
Vibration	10 – 55 Hz, 0.5 mm
Shock	30 g
Operation Temperature	–20 to +55 °C
Storage Temperature	–40 to +80 °C
Sealing Class	IP 67
Light Immunity 5˚	25 000 lux

Approvals

Wiring Diagram



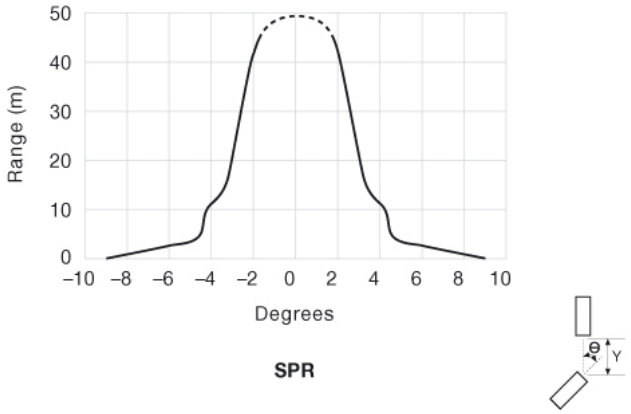
Parallel Displacement



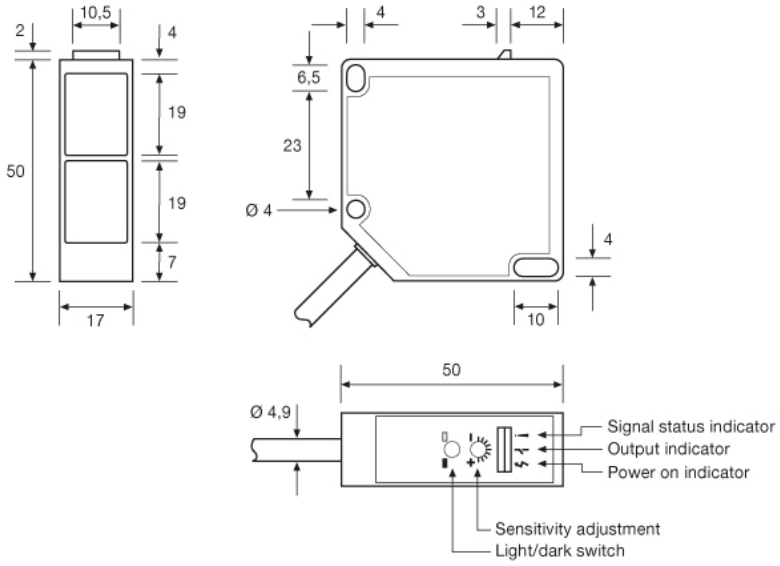
SPT 2x45 and SPR 2x45

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Angular Displacement



Dimensions



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