SPT 2945 5

Thru Beam

Photoelectric Sensors



Compatible Receivers:

SPR 2945T 5
SPR 2945 5

Product Data	
Function	Transmitter
Operation Mode	Thru Beam
Supply Voltage	12 - 240 V ac/dc
Connection	5 m cable
Sensing Range	45 m
Light Source	Infrared (880 nm)
Housing Material	Plastic
Housing	17 x 50 x 50

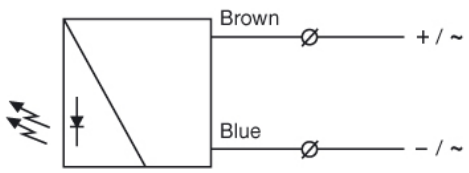
Technical Data	
Supply Voltage	12-240 V dc / 20-240 V ac
Voltage Ripple	+/– 15 %
Current Consumption	< 70 mA
Test Input	-
Power On Indicator	Green LED
Light Source	Infrared (880 nm)
Emission Angle	+/– 2°
Housing Material, Front Lens	Polycarbonate
Housing Material, Sensor Housing	Polycarbonate / ABS
Cable	2 x 0,20 mm2
Cable Sleeve	PVC Ø 4,9 mm

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

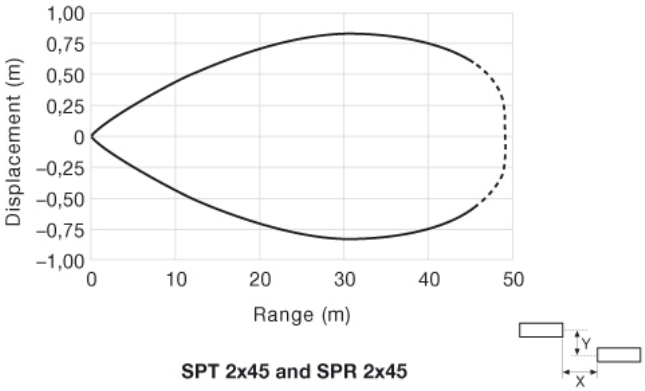
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Approvals

Wiring Diagram



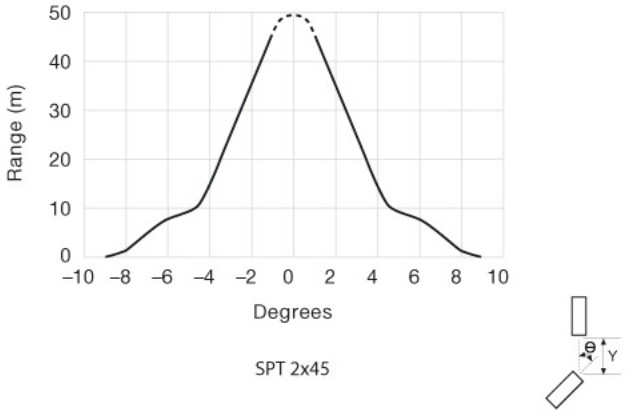
Parallel Displacement



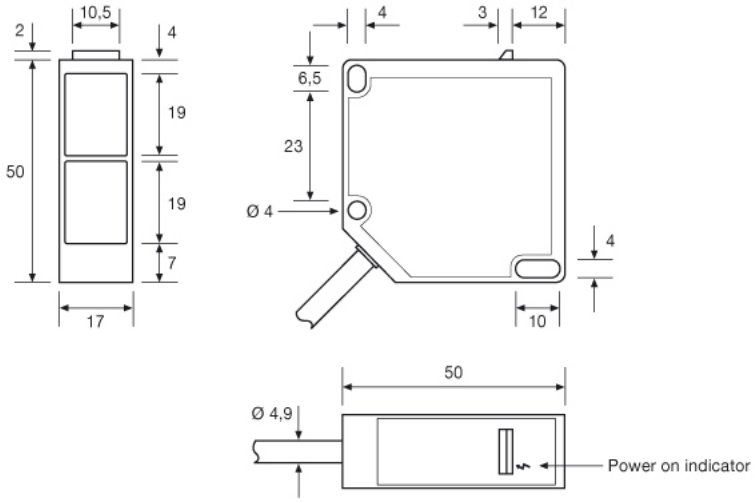
SPT 2x45 and SPR 2x45

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Angular Displacement



Dimensions



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