SPT 2645 J

Thru Beam

Photoelectric Sensors



Compatible Receivers:

SPR 2645 J
SPR 2645T J

Product Data	
Function	Transmitter
Operation Mode	Thru Beam
Supply Voltage	10 - 30 V dc
Control Feature	Test input
Connection	4 pin, M12 plug
Sensing Range	45 m
Light Source	Infrared (880 nm)
Housing Material	Plastic
Housing	17 x 50 x 50

Technical Data	
Supply Voltage	10 – 30 V dc
Voltage Ripple	+/– 15 %
Reverse Polarity Protected	Yes
Current Consumption	< 65 mA
Test Input	Yes
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	3 x 0,20 mm2
Cable Sleeve	PVC Ø 4,9 mm

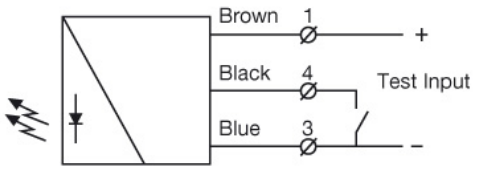
Environmental Data	
Vibration	10 – 55 Hz, 0.5 mm
Shock	30 g
Operation Temperature	–20 to +55 °C

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Storage Temperature	–40 to +80 °C
Sealing Class	IP 67

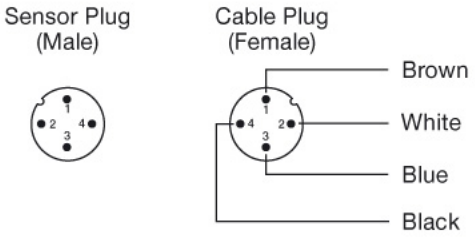
Approvals

Wiring Diagram



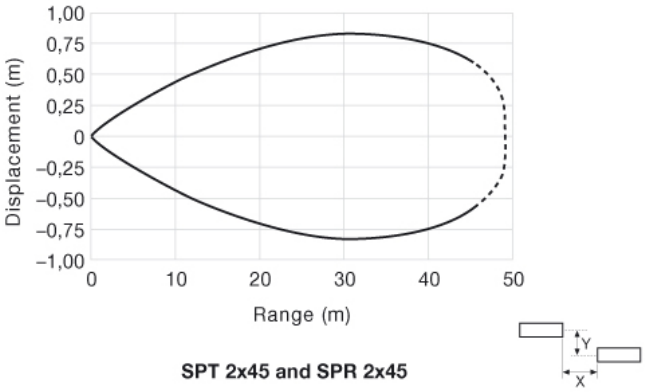
Connections

4 pin, M12



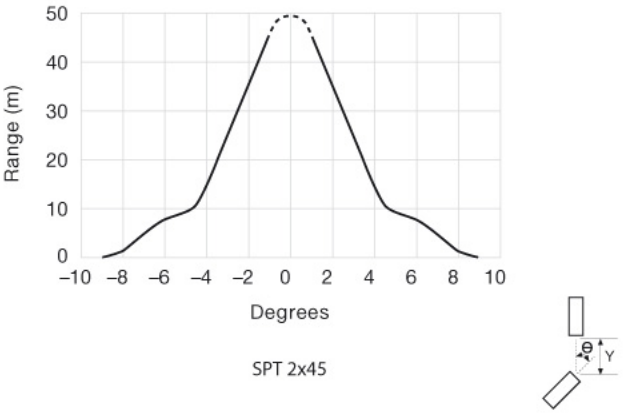
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Parallel Displacement



SPT 2x45 and SPR 2x45

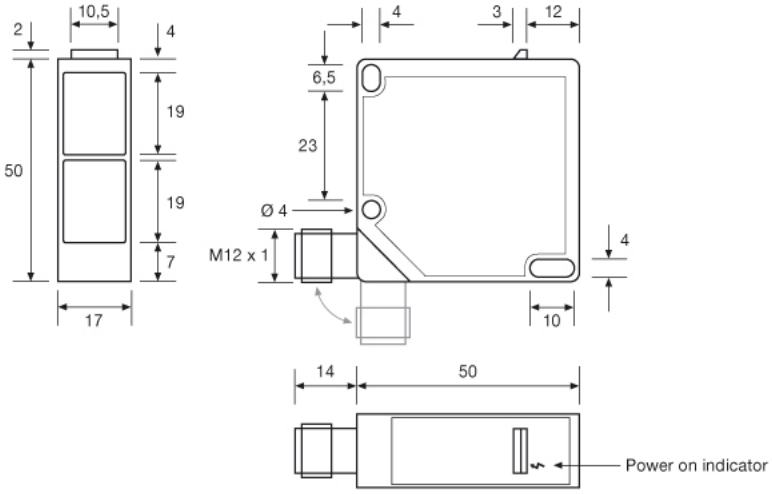
Angular Displacement



SPT 2x45

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Dimensions



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