

SPP2905-TC

Diffuse Proximity Photoelectric Sensors



Product Data	
Function	Both
Operation Mode	Diffuse Proximity
Supply Voltage	12 - 240 V ac/dc
Control Feature	Sensitivity pot. and light/dark switch
Connection	5 m cable
Sensing Range	5 m
Output	Relay
Output Status	N.C./N.O.
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
Max. Operation Frequency	20 Hz
Response Time t_{on} / t_{off}	25 ms / 25 ms
Output, Relay	1 open / 1 close, 240 V ac / 2 A
Output, Transistor	200 mA / 30 V dc
Power On Indicator	Green LED
Output Indicator	Yellow LED
Signal Status Indicator	Red LED
Hysteresis	5 – 15 %
Light Source	Infrared (880 nm)
Opening Angle	+/- 5°
Emission Angle	+/- 1,5°
Housing Material, Front Lens	Polycarbonate

Housing Material, Sensor Housing	Polycarbonate / ABS
Cable	5 x 0,20 mm ²
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
Light Immunity 15°	25 000 lux

Approvals	
	

Wiring Diagram	
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Dimensions	
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