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Item # EE-SPX840, 3.6 mm Sensing Distance Amplified Photomicrosensor (PMS)

3.6 mm Slot PMS NPN L-ON Connector


Specifications

Type	Amplified Photomicrosensor (PMS)
Mounting Type	M3 Screw
Output Type	Negative-Positive-Negative (NPN)
Operating Ambient Temperature Range (with no icing)	-10 to 55 °C
Storage Ambient Temperature Range (with no icing)	-25 to 65 °C
Dependencies	EE-1013
Body Type	Standard
Sensing Method	Through-Beam
Electrical Connection	Built-in Connector
Light Source	GaAs Infrared Light Emitting Diode (LED)
Operation	Light-ON (L-ON) Switch

Direct Current (DC) Supply Voltage	5 to 24 V
Length	21.2 mm
Width	25 mm
Height	7.4 mm
Housing Material	Plastic
Indicator Operation	Red Light
Sensing Distance	3.6 mm
Response Time Per Frequency [Min]	500 Hz
Approximate Weight (Packed State)	2.4 g
Degree of Protection	IEC IP50
Average Current Consumption [Max]	15 mA
Peak Current Consumption [Max]	50 mA
Ambient illumination with Incandescent Light on The Surface of The Receiver [Max]	3000 lux
Ambient illumination with Sunlight on The Surface of The Receiver [Max]	3000 lux
Operating Ambient Humidity Range (with no Condensation)	5 to 85 %
Storage Ambient Humidity Range (with no Condensation)	5 to 95 %
Destruction Vibration Resistance	10 to 55 Hz, 1.5-mm double amplitude for 2 h each in X, Y, and Z directions
Destruction Shock Resistance for 3 Times each in X, Y, and Z Directions	500 m/s ²



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