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**Item # EE-SX672, 28.4 mm Length Amplified Photomicrosensor (PMS)**

5mmSLOT PMS L/D-ON NPN T SHAPE


**Specifications**

<b>Type</b>	Plug-in
<b>Mounting Type</b>	Plug-In
<b>Output Type</b>	Negative-Positive-Negative (NPN)
<b>Operating Ambient Temperature Range (with no Icing or Condensation)</b>	-25 to 55 °C
<b>Dependencies</b>	EE-1001, EE-1001-1, EE-1006, EE-1010 2M, EE-1010-R 2M
<b>Accessories</b>	EE-1006A
<b>Body Type</b>	T-Shaped, Slot Center 7 mm
<b>Sensing Method</b>	Through-Beam
<b>Electrical Connection</b>	Plug-In Connector
<b>Light Source</b>	GaAs Infrared Light Emitting Diode (LED)
<b>Operation</b>	Light-ON (L-ON) Switch Selectable, Dark-ON (D-ON) Switch Selectable

<b>Direct Current (DC) Supply Voltage</b>	5 to 24 V
<b>Length</b>	28.4 mm
<b>Width</b>	29 mm
<b>Height</b>	13.7 mm
<b>Housing Material</b>	Plastic
<b>Range</b>	200 mm
<b>Indicator Operation</b>	Red Light Emitting Diode (LED)
<b>Sensing Distance</b>	5 mm
<b>Protection Circuits</b>	Load short circuit protection (Connector models), No circuit protection (Prewired models)
<b>Average Response Time Per Frequency</b>	3 kHz
<b>Average Response Time Per Frequency [Min]</b>	1 kHz
<b>Approximate Weight (Pre-Wired) (Packed State)</b>	17.8 g
<b>Approximate Weight (Connector) (Packed State)</b>	2.4 g
<b>Approximate Weight (Packed State)</b>	20 g
<b>Degree of Protection</b>	IEC60529 IP60
<b>Storage Ambient Temperature Range (with no Icing)</b>	-30 to 85 °C
<b>Current Consumption [Max]</b>	35 mA
<b>Current Consumption - Connector models, L Terminal Open [Max]</b>	12 mA
<b>Ambient illumination with Fluorescent Light on The Surface of The Receiver [Max]</b>	1000 lux
<b>Operating Ambient Humidity Range (with no Condensation)</b>	5 to 85 %
<b>Storage Ambient Humidity Range (with no Condensation)</b>	5 to 95 %
<b>Destruction Vibration Resistance</b>	20 to 2,000 Hz (peak acceleration: 100 m/s <sup>2</sup> ) 1.5-mm double amplitude for 2 h (4 min periods) each in X, Y, and Z directions

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(4-min periods) each in X, Y, and Z directions

**Destruction Shock Resistance for 3  
Times each in X, Y, and Z Directions**

500 m/s<sup>2</sup>



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