



Item # E3Z-T61-L-M1J-1 0.3M, 15 m Sensing Distance Compact Rectangular Sensor

M12 Pigtail 30cm, Emitter only



Specifications

Type	Compact Rectangular Sensor
Output Type	Negative-Positive-Negative (NPN)
Operating Ambient Temperature Range (with no Icing or Condensation)	-25 to 55 °C
Storage Ambient Temperature Range (with no Icing or Condensation)	-40 to 70 °C
Ambient Temperature Range (for Some Connector Models) (with no icing or condensation)	-40 to 55 °C
Dependencies	XS2FM4
Accessories	E39-L153, E39-L104, E39-L150, E39-L151, E39-L43, E39-L142, E39-L44, E39-L98, E39-L144
Body Type	Rectangular - Compact
Sensing Method	Through-Beam
Electrical Connection	M12 4-Pin Connector on a 0.3 m Pigtail

Light Source	Infrared Light Emitting Diode (LED)
Operation	Light-ON (L-ON) Switch Selectable, Dark-ON (D-ON) Switch Selectable
Direct Current (DC) Supply Voltage	12 to 24 V
Length	32.2 mm
Width	10.8 mm
Height	20 mm
Housing Material	Plastic
Indicator Operation	Operating Orange, Stability Green
Cable Length	0.3 m
Sensing Distance	15 m
Protection Circuits	Reversed power supply polarity protection, Output short-circuit protection, and Reversed output polarity protection
Operate/Reset Response Time [Max]	1 ms
Weight (Pre-Wired Cable (2 m)) (Packed State)	120 g
Weight (Connector) (Packed State)	30 g
Degree of Protection	IEC, IP67
Emitter Current Consumption [Max]	15 mA
Receiver Current Consumption [Max]	20 mA
Ambient illumination Receiver Side - Incandescent Lamp [Max]	3000 lux
Ambient illumination Receiver Side - Sunlight [Max]	10000 lux
Operating Ambient Humidity Range (with no Condensation)	35 to 85 %
Storage Ambient Humidity Range (with no Condensation)	35 to 95 %
AC Dielectric Strength (50/60 Hz for 1 min)	1000 V
Vibration Resistance	Destruction: 10 to 55 Hz, 1.5 mm double amplitude for 2 hours each in X, Y, and Z directions

Destruction Shock Resistance for 3 Times each in X, Y, and Z Directions	500 m/s ²
Features	Emitter Only
Destruction Vibration Resistance	Destruction: 10 to 55 Hz, 1.5 mm double amplitude for 2 hours each in X, Y, and Z directions
Minimum Insulation Resistance (at 500 VDC)	50 MO