


Omron Automation & Safety - U.S. Headquarters

2895 Greenspoint Parkway, Suite 200

Hoffman Estates, IL 60169

Tel: +1 (800) 556-6766, +1 (847) 843-7900

Fax: +1 (847) 843-7787

Email: info@omron.com
Item # EE-SX470, 28.4 mm Length Amplified Photomicrosensor (PMS)

5mm SLOT PMS, L-ON, NPN


Specifications

Type	Plug-in
Mounting Type	Plug-In
Output Type	Negative-Positive-Negative (NPN)
Operating Ambient Temperature Range (with no Icing or Condensation)	-25 to 55 °C
Dependencies	EE-1001, EE-1006, EE-1010 2M, EE-1010-R 2M
Accessories	EE-1006A
Body Type	Standard
Sensing Method	Through-Beam
Electrical Connection	Plug-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	28.4 mm
Width	25.4 mm
Height	6.95 mm
Housing Material	Plastic
Range	200 mm
Indicator Operation	Red Light Emitting Diode (LED)
Sensing Distance	5 mm
Protection Circuits	Load short circuit protection (Connector models), No circuit protection (Prewired models)
Average Response Time Per Frequency	3 kHz
Average Response Time Per Frequency [Min]	1 kHz
Approximate Weight (Pre-Wired) (Packed State)	18.9 g
Approximate Weight (Connector) (Packed State)	3.1 g
Approximate Weight (Packed State)	20 g
Degree of Protection	IEC60529 IP60
Storage Ambient Temperature Range (with no Icing)	-30 to 85 °C
Current Consumption [Max]	35 mA
Current Consumption - Connector models, L Terminal Open [Max]	12 mA
Ambient illumination with Fluorescent Light on The Surface of The Receiver [Max]	1000 lux
Operating Ambient Humidity Range (with no Condensation)	5 to 85 %
Storage Ambient Humidity Range (with no Condensation)	5 to 95 %
Destruction Vibration Resistance	20 to 2,000 Hz (peak acceleration: 100 m/s ²) 1.5-mm double amplitude for 2 h (4 min periods) each in X, Y, and Z directions

DOWNLOADED FROM WWW.SCATTS.CO.UK
(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/s²



SCATTERGOOD & JOHNSON LTD

ELECTRICAL ENGINEERING & FLUID CONTROL DISTRIBUTORS

Est.1899

At Scattergood & Johnson Ltd, we pride ourselves on being a technical distributor to specialist industries.

Working with a range of quality product suppliers across a number of specialist markets, we are not your average 'box shifter' - we are your technical and supply chain partner.

We fully support every product we sell - for free! Our internal team and external sales engineers can answer any product or application question, no matter the complexity.

Backing up this technical ability is a range of 50,000+ products available from stock for nationwide next day delivery (same day if required!), or you can collect what you need from any of our trade counters around the UK.

Select your specialist interest below to learn more about how we can help.



Online, In Branch and On the Road - Scattergood & Johnson Ltd, there when you need us.

www.scatts.co.uk