

# Specifications



## Eaton 13108AQD03

Eaton Moeller® series Diffuse reflective sensor, Sn=150mm, 3L, 20-264VAC, 15-30VDC, NPN, M18, insulated material, M12 13108AQD03

### General specifications

<b>PRODUCT NAME</b>	Eaton Comet 18mm tubular photoelectric sensor
<b>CATALOG NUMBER</b>	13108AQD03
<b>MODEL CODE</b>	13108AQD03
<b>UPC</b>	782113843629
<b>EAN</b>	4015081324293
<b>PRODUCT LENGTH/DEPTH</b>	158.75 mm
<b>PRODUCT HEIGHT</b>	50.8 mm
<b>PRODUCT WIDTH</b>	133.35 mm
<b>PRODUCT WEIGHT</b>	0.32 kg
<b>WARRANTY</b>	3 year
<b>COMPLIANCES</b>	CE Marked
<b>CERTIFICATIONS</b>	cUL Recognized UL Recognized
<b>CATALOG NOTES</b>	Sensor will detect a 90% reflectance card at the Sensing Range; sensor will ignore a 90% reflectance card at the Cutoff Range



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## Product specifications

<b>TYPE</b>	Back Ground Suppression
<b>CONTACT RATING</b>	300 mA AC/DC at 20-264 Vac/15-30 Vdc
<b>ENCLOSURE MATERIAL</b>	Polyurethane foam (RIM)
<b>CONNECTION</b>	Dual key micro
<b>CONTACT CONFIGURATION</b>	DC: NPN open collector AC: L1 switched
<b>SERIES</b>	Comet
<b>INPUT VOLTAGE</b>	20-264 Vac at 50/60 Hz, 15-30 Vdc (NPN)
<b>LED INDICATOR</b>	Output ON
<b>NUMBER OF PINS</b>	4
<b>PROTECTION</b>	Latching short circuit
<b>MAXIMUM AC CURRENT</b>	300 mA
<b>MAXIMUM DC CURRENT</b>	300 mA
<b>OPERATING TEMPERATURE - MAX</b>	158 °F
<b>OPERATING TEMPERATURE - MIN</b>	-40 °F
<b>ENVIRONMENTAL RATING</b>	NEMA 1, NEMA 3, NEMA 4, NEMA 4X, NEMA 6, NEMA 12, NEMA 13, IP69K

## Resources

<b>CATALOGS</b>	<a href="#">Product Range Catalog Sensors – products, basic information, applications</a> <a href="#">Sensing Solutions, Photoelectric Sensor, Volume 8, Tab 5</a>
<b>DRAWINGS</b>	<a href="#">eaton-proximity-switches-dimensions-002.eps</a> <a href="#">eaton-proximity-switches-dimensions-007.eps</a> <a href="#">eaton-proximity-switches-3d-drawing-004.eps</a>
<b>INSTALLATION INSTRUCTIONS</b>	<a href="#">IL05305002Z</a>
<b>MCAD MODEL</b>	<a href="#">DA-CS-90_28267_007</a> <a href="#">DA-CD-90_28267_007</a>

**PROJECT NAME:**

**PROJECT NUMBER:**

**PREPARED BY:**

**DATE:**



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