

INDUSTRIAL COMPONENT DATA

E59-A12C108D01-C1 166837 Y7-166837 EATON ELECTRIC Proximity switch Inductive M12 Analogue Sn 1-8mm 15 30 V D..

Brand: EATON - MOELLER | Manufacturer Part Number: E59-A12C108D01-C1



Manufacturer	EATON - MOELLER
MPN / Reference	E59-A12C108D01-C1
Catalog number	Y7-166837
Category	Inductive proximity switch
Minimum order	1 Pcs
Document ID	EO-D6CAD13AA6
Generated	2026-08-05

Product Overview

Proximity switch Inductive; M12; Analogue; Sn=1-8mm; 15 - 30 V DC; 4 - 20mA; M12 Connector

E59-A12C108D01-C1

Eaton Moeller® series E59 Proximity Sensor, M12, analog, Sn=1-8mm, 15-30VDC, 4-20mA, M12

Proximity Sensor, Inductive Sensors, Product range: E59 AccuProx Series, Description: Current output (4 - 20 mA), Connection: 3-wire/4-wire, Design (outer dimensions): M12 x 1 mm, Rated operational voltage: Ue= 15 - 30 V DC, Rated switching distance: Sn= 1 - 8 mm, Type of mounting: Non-flush, Switching type: Analog, Plug-in connection M12 x 1, Material: Stainless steel, Degree of Protection: IP67, Standards: IEC/EN 60947-5-2

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path	EATON - MOELLER > Sensors
--------------	---------------------------

Additional Product Information

General specifications

Product Name Eaton E59 AccuProx analog inductive proximity sensor Catalog Number 166837 Model Code E59-A12C108D01-C1 EAN 4015081643608 Product Length/Depth 152.4 mm Product Height 44.45 mm Product Width 127 mm Product Weight 0.45 kg Certifications UL Category Control No.: NRKH, NRKH7
UL 508
CE
CSA Class No.: 3211-03

IEC/EN 60947-5-2

UL

CSA File No.: 50513

CSA-C22.2 No. 14

UL File No.: E166051

CSA Product specifications

Type Inductive sensor Electric connection type Other Enclosure material finishing Other Actuation type Metallic Target
Enclosure material Metal Enclosure type Cylinder, screw-thread Category (EN 954-1) B Explosion safety category for dust
None Explosion safety category for gas None Safety performance level (EN ISO 13849-1) None SIL (IEC 61508) None
Ambient operating temperature - max 70 °C Ambient operating temperature - min -40 °C Diameter sensor 12 mm Number
of contact energized outputs with signalling function 0 Number of outputs (protected contact energized) 0 Number of outputs
(protected semiconductor) 0 Number of outputs (semiconductor with signaling function) 0 Output current at protected output
- max 20 mA Rated control supply voltage (Us) at AC, 50 Hz - max 0 V Output current 4 - 20 mA Voltage type DC Mounting
method Non-flush mounting Material Stainless steel Connection type 3-wire/4-wire
Plug-in connection M12 x 1 Installation type Not flat Degree of protection IP67
NEMA 4X, 6, 13 Interface type None LED indicator Status indic...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / E59-A12C108D01-C1 with the required quantity to info@electricaonline.com or use
electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd
Floor, JLT, Dubai

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification
requirements against the manufacturer documentation before purchase or installation.