

INDUSTRIAL COMPONENT DATA

E59-M12A105D01-D2 136208 Y7-136208 EATON ELECTRIC Proximity switch, inductive, 1 N/C, Sn 4mm, 4L, 6-48VDC, N..

Brand: EATON - MOELLER | Manufacturer Part Number: E59-M12A105D01-D2



Manufacturer	EATON - MOELLER
MPN / Reference	E59-M12A105D01-D2
Catalog number	Y7-136208
Category	Inductive proximity switch
Minimum order	1 Pcs
Document ID	EO-A8D6B860DD
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Product Overview

Proximity switch, inductive, 1 N/C, Sn=4mm, 4L, 6-48VDC, NPN, PNP, M12, metal

E59-M12A105D01-D2

Proximity switch, Inductive Sensors, Product range: iProx Series, Connection: 3-wire, Design (outer dimensions): M12 x 1 mm, Rated operational voltage: $U_e = 6 - 48 \text{ V DC}$, Rated switching distance: $S_n = 4 \text{ mm}$, Type of mounting: Flush, Switching type: NPN, PNP, Plug-in connection M12 x 1, Contacts N/C = Normally closed: 1 NC, Material: Stainless steel, Degree of Protection: IP67, IP69K, 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
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Additional Product Information

General specifications

Product Name Eaton E59 AccuProx analog inductive proximity sensor Catalog Number 136208 Model Code

E59-M12A105D01-D2 EAN 4015081330010 Product Length/Depth 152.4 mm Product Height 44.45 mm Product Width 127 mm Product Weight 0.45 kg Certifications Certified by UL for use in Canada

CSA-C22.2 No. 14

UL Category Control No.: NRKH, NRKH7

IEC/EN 60947-5-2

UL

UL 508

UL File No.: E166051

CE

CSA File No.: UL report applies to both US and Canada Product specifications

Type Inductive sensor Electric connection type Connector M12 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 contacts (normally closed contacts) 1 Number of
outputs (protected contact energized) 0 Number of outputs (protected semiconductor) 0 Number of outputs (semiconductor
with signaling function) 1 Operational current (Ib) in the switched state at 24 V DC 15 A Output current at protected output -
max 0 mA Rated control supply voltage (Us) at AC, 50 Hz - max 0 V Functions Short-circuit protection
Protection against wire breakage
Protection against polarity reversal Voltage....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / E59-M12A105D01-D2 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

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requirements against the manufacturer documentation before purchase or installation.