

INDUSTRIAL COMPONENT DATA

E59-M12A105C02-D1 136205 Y7-136205 EATON ELECTRIC Proximity switch, inductive, 1N/O, Sn 4mm, 4L, 6-48VDC, NP..

Brand: EATON - MOELLER | Manufacturer Part Number: E59-M12A105C02-D1



Manufacturer	EATON - MOELLER
MPN / Reference	E59-M12A105C02-D1
Catalog number	Y7-136205
Category	Inductive proximity switch
Minimum order	1 Pcs
Document ID	EO-01DAEDE04E
Generated	2026-08-06

Product Overview

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

E59-M12A105C02-D1

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, 2 m connection cable, Contacts N/O = Normally open: 1 N/O, 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
--------------	---------------------------

Additional Product Information

General specifications

Product Name Eaton E59 AccuProx analog inductive proximity sensor Catalog Number 136205 Model Code

E59-M12A105C02-D1 EAN 4015081329984 Product Length/Depth 152.4 mm Product Height 44.45 mm Product Width 127 mm Product Weight 0.45 kg Certifications UL

UL Category Control No.: NRKH, NRKH7

Certified by UL for use in Canada

UL 508

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

UL File No.: E166051

IEC/EN 60947-5-2

CE

CSA-C22.2 No. 14 Product specifications

Type Inductive sensor Electric connection type Cable 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 open 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 Protection against wire breakage Short-circuit protection Protection against polarity reversal Voltage type DC Mo...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / E59-M12A105C02-D1 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.