

## INDUSTRIAL COMPONENT DATA

# E59-A12C108C02-C1 166835 Y7-166835 EATON ELECTRIC Proximity switch Inductive M12 Analogue Sn 1-8mm 15 30 V D..

Brand: EATON - MOELLER | Manufacturer Part Number: E59-A12C108C02-C1



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | EATON - MOELLER            |
| MPN / Reference | E59-A12C108C02-C1          |
| Catalog number  | Y7-166835                  |
| Category        | Inductive proximity switch |
| Minimum order   | 1 Pcs                      |
| Document ID     | EO-9B29B764FB              |
| Generated       | 2026-08-06                 |

## Product Overview

Proximity switch Inductive; M12; Analogue; Sn=1-8mm; 15 - 30 V DC; 4 - 20mA; Cable 2m

E59-A12C108C02-C1

Eaton Moeller® series E59 Proximity Sensor, M12, analog, Sn=1-8mm, 15-30VDC, 4-20mA, line 2m

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, 2 m connection cable, 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 166835 Model Code

E59-A12C108C02-C1 EAN 4015081643585 Product Length/Depth 152.4 mm Product Height 44.45 mm Product Width 127 mm Product Weight 0.45 kg Certifications CSA

CSA Class No.: 3211-03

UL Category Control No.: NRKH, NRKH7

UL File No.: E166051

UL 508

CE

IEC/EN 60947-5-2

UL

CSA File No.: 50513

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 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  
2 m connection cable Installation type Not flat Degree of protection IP67  
NEMA 4X, 6, 13 Interface type None LED indicator Status indication....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / E59-A12C108C02-C1 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use  
[electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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Floor, JLT, Dubai

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requirements against the manufacturer documentation before purchase or installation.