

## INDUSTRIAL COMPONENT DATA

# E55CBL12A2E 135835 Y7-135835 EATON ELECTRIC Proximity switch, inductive, 1 N/C, Sn 4mm, 2L, 20-250VAC, M12, ..

Brand: EATON - MOELLER | Manufacturer Part Number: E55CBL12A2E



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | EATON - MOELLER            |
| MPN / Reference | E55CBL12A2E                |
| Catalog number  | Y7-135835                  |
| Category        | Inductive proximity switch |
| Minimum order   | 1 Pcs                      |
| Document ID     | EO-97E07B8DF9              |
| Generated       | 2026-08-02                 |

## Product Overview

Proximity switch, inductive, 1 N/C, Sn=4mm, 2L, 20-250VAC, M12, insulated material, line 2m  
E55CBL12A2E

Proximity switch, Inductive Sensors, Product range: E55 Limit Switch Style Series, Connection: 2-wire, Design (outer dimensions): M12 x 1 mm, Rated operational voltage: Ue= 20 - 250 V AC, Rated switching distance: Sn= 4 mm, Type of mounting: Non-flush, 2 m connection cable, Contacts N/C = Normally closed: 1 NC, Material: Insulated material, Degree of Protection: IP66, 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 Moeller® series E55 Proximity switch Catalog Number 135835 Model Code E55CBL12A2E EAN 4015081326280 Product Length/Depth 165.1 mm Product Height 12.7 mm Product Width 139.7 mm Product Weight 0.14 kg Certifications CE

## IEC/EN 60947-5-2 Product specifications

Type Inductive sensor Electric connection type Cable Enclosure material finishing Other Actuation type Metallic Target Enclosure material Plastic 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 -25 °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 3 A Output current at protected output - max 0 mA Rated control supply voltage (Us) at AC, 50 Hz - max 250 V Functions Protection against polarity reversal Short-circuit protection Voltage type AC Mounting method Non-flush mounting Material Insulated material Connection type 2 m connection cable  
2-wire Installation type Not flat Degree of protection IP66  
NEMA 4X, 13 Interface type None LED indicator Status indic...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / E55CBL12A2E 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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