

## INDUSTRIAL COMPONENT DATA

**13100AQD07 Y7-135581 EATON ELECTRIC Diffuse reflective sensor, Sn 610mm, 4L, 10-30VDC, NPN, PNP, M18, insula..**

Brand: EATON - MOELLER | Manufacturer Part Number: 13100AQD07



|                 |                                         |
|-----------------|-----------------------------------------|
| Manufacturer    | EATON - MOELLER                         |
| MPN / Reference | 13100AQD07                              |
| Catalog number  | Y7-135581                               |
| Category        | Diffuse reflective photoelectric sensor |
| Minimum order   | 1 Pcs                                   |
| Document ID     | EO-E364243F14                           |
| Generated       | 2026-08-04                              |

**Product Overview**

Diffuse reflective sensor, Sn=610mm, 4L, 10-30VDC, NPN, PNP, M18, insulated material, M12 13100AQD07

Eaton Moeller® series E58 Diffuse reflective sensor, Sn=610mm, 4L, 10-30VDC, NPN, PNP, M18, insulated material, M12 Optical sensor, comet series, polyurethane housing with 18 mm diameter and flattened side for extra mounting comfort, IP67\_x, high vibration and impact resistance . The Comet series features one-way light barrier reflection light barrier diffuse mode sensors with or without background suppression, simplified installation using visible scanning beams, selectable light or dark operation, short-circuit protection, optical cross-talk protection at closely mounted sensors, adjustable gain factor, optional connection of fiber-optic light guides

## 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 E58 Diffuse reflective sensor Catalog Number 13100AQD07 Model Code 13100AQD07 EAN 4015081323746 UPC 782113843551 Product Length/Depth 158.75 mm Product Height 50.8 mm Product Width 133.35 mm Product Weight 0.091 kg Certifications UL Recognized

cUL Recognized

CE

UL

CSA Class No.: 3211-07

CSA File No.: 50513

UL Category Control No.: NRKH, NRKH7

UL 508

CSA

CSA-C22.2 No. 14

IEC/EN 60947-5-2

UL File No.: E117028 Product specifications

Type Optical sensors Contact Rating 100 mA PNP, 250 mA NPN at 10-30 Vdc Features Straight beam Electric connection type Plug-in connection Enclosure material Polyurethane foam (RIM)

Plastic Enclosure type Cylinder, screw-thread Operating mode Switching principle: Adjustable bright/dark switching

Connection M12 Contact configuration NPN and PNP open collector Explosion safety category for dust None Sensor type

Diffuse reflective Explosion safety category for gas None Functions Reflected-light beam

Protection against polarity reversal

Short-circuit protection Voltage type DC Wire size 22 Connection type Plug-in connection M12 x 1

4-wire Input voltage 10-30 Vdc Cable sheath material Polyvinyl chloride (PVC) Light type Infrared light Degree of protection IP67

NEMA 6 Interface type Other LED indicator Output ON

Status indication of Switching state: Red LED Switch function type Other Load current Max. 250 mA (Ie, NPN, 120 > 50°C)

Max. 100 mA (Ie, PNP) Laser protection class None Operation agent-saf...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / 13100AQD07 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

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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