

## INDUSTRIAL COMPONENT DATA

**13100R6517 135583 Y7-135583 EATON ELECTRIC Diffuse reflective sensor, Sn 610mm, 4L, 10-30VDC, NPN, PNP, M18,..**

Brand: EATON - MOELLER | Manufacturer Part Number: 13100R6517



|                 |                                         |
|-----------------|-----------------------------------------|
| Manufacturer    | EATON - MOELLER                         |
| MPN / Reference | 13100R6517                              |
| Catalog number  | Y7-135583                               |
| Category        | Diffuse reflective photoelectric sensor |
| Minimum order   | 1 Pcs                                   |
| Document ID     | EO-8C89DE7813                           |
| Generated       | 2026-08-05                              |

**Product Overview**

Diffuse reflective sensor, Sn=610mm, 4L, 10-30VDC, NPN, PNP, M18, insulated material, line 2m

13100R6517

Eaton Moeller® series E58 Diffuse reflective sensor, Sn=610mm, 4L, 10-30VDC, NPN, PNP, M18, insulated material, line 2m 13100R6517

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 135583 Model Code 13100R6517 EAN 4015081323760 Product Length/Depth 152.4 mm Product Height 44.45 mm Product Width 152.4 mm Product Weight 0.23

kg Certifications CSA-C22.2 No. 14

UL Category Control No.: NRKH, NRKH7

CE

UL File No.: E117028

CSA

UL 508

IEC/EN 60947-5-2

CSA File No.: 50513

UL

CSA Class No.: 3211-07 Product specifications

Type Optical sensors Features Right-angled beam Electric connection type Cable Enclosure material Plastic Enclosure type Cylinder, screw-thread Operating mode Switching principle: Adjustable bright/dark switching Explosion safety category for dust None Explosion safety category for gas None Functions Protection against polarity reversal

Short-circuit protection

Reflected-light beam Voltage type DC Wire size 22 Connection type 2 m connection cable

4-wire Cable sheath material Polyvinyl chloride (PVC) Light type Infrared light Degree of protection IP67

NEMA 6 Interface type Other LED indicator 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-safety class Safety class 2 Shock resistance 100 g, Mechanical, Shock duration 3 ms Optical surface material Plastic Output current (mA) - max 250 mA Output current at protected output - max 0 mA Rated control supply voltage (Us) at AC, 50 Hz - max 0 V Rated control supply....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / 13100R6517 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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