

## INDUSTRIAL COMPONENT DATA

**E58-18DP100-HD 135664 Y7-135664 EATON ELECTRIC Diffuse reflective sensor, Sn 100mm, 4L, 10-30VDC, dark, NPN,..**

Brand: EATON - MOELLER | Manufacturer Part Number: E58-18DP100-HD



|                 |                                       |
|-----------------|---------------------------------------|
| Manufacturer    | EATON - MOELLER                       |
| MPN / Reference | E58-18DP100-HD                        |
| Catalog number  | Y7-135664                             |
| Category        | Light scanner with background masking |
| Minimum order   | 1 Pcs                                 |
| Document ID     | EO-87CB7AEE04                         |
| Generated       | 2026-08-04                            |

**Product Overview**

Diffuse reflective sensor, Sn=100mm, 4L, 10-30VDC, dark, NPN, PNP, M18, metal, line 2m

E58-18DP100-HD

Eaton Moeller® series E58 Diffuse reflective sensor, Sn=100mm, 4L, 10-30VDC, dark, NPN, PNP, M18, metal, line 2m

E58 series, product features: sensors with a diameter of 18 mm or 30 mm. Highly refined optics for long sensing ranges and to see through high levels of contamination - unmatched optical performance. Perfect Prox® technology provides exceptional background rejection and extremely high excess gain. Resistant to many chemicals used in the automotive, food processing and forest products industries. Suitable for high temperature , high pressure washdown (82 bar). mechanical Viton gaskets are resistant to extreme temperature variations. Visible sensing beam on all models lets you see where the beam is aimed for quick flush mounting and alignment. The function display is the brightest available and is visible from any angle and in any lighting condition

## 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 135664 Model Code E58-18DP100-HD

EAN 4015081324576 Product Length/Depth 38.1 mm Product Height 38.1 mm Product Width 38.1 mm Product Weight

0.23 kg Certifications Certified by UL for use in Canada

UL Category Control No.: NRKH, NRKH7

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

IEC/EN 60947-5-2

UL

UL 508

CE

UL File No.: E166051

CSA-C22.2 No. 14 Product specifications

Type Optical sensors Electric connection type Cable Fitted with: Background suppression (Perfect Prox) Enclosure material

Metal Enclosure type Cylinder, screw-thread Operating mode Switching principle: Dark switching Explosion safety category

for dust None Explosion safety category for gas None Functions Protection against wire breakage

Reflected-light beam

Short-circuit protection

Protection against polarity reversal Voltage type DC Wire size 22 Connection type 2 m connection cable

4-wire Cable sheath material Polyvinyl chloride (PVC) Light type Other Degree of protection NEMA 6

IP68 Interface type Other LED indicator Status indication of Switching state: Red LED Switch function type Other Load current Max. 100 mA (Ie, PNP)

Max. 250 mA (Ie, NPN) Laser protection class None Operation agent-safety class Safety class 2 Shock resistance 100 g,

Mechanical, Shock duration 3 ms Optical surface material Glass Output current (mA) - max 250 mA Output current at

protected output - max 0 mA Rated control supply v...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / E58-18DP100-HD 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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