

INDUSTRIAL COMPONENT DATA

E58-18DP100-DDP 135662 Y7-135662 EATON ELECTRIC

Diffuse reflective sensor, Sn 100mm, 2L, 18-50VDC, dark, M18..

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



Manufacturer	EATON - MOELLER
MPN / Reference	E58-18DP100-DDP
Catalog number	Y7-135662
Category	Light scanner with background masking
Minimum order	1 Pcs
Document ID	EO-68667CF951
Generated	2026-08-03

Product Overview

Diffuse reflective sensor, Sn=100mm, 2L, 18-50VDC, dark, M18, metal, M12

E58-18DP100-DDP

Eaton Moeller® series E58 Diffuse reflective sensor, Sn=100mm, 2L, 18-50VDC, dark, M18, metal, M12

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 135662 Model Code

E58-18DP100-DDP EAN 4015081324552 Product Length/Depth 25.4 mm Product Height 25.4 mm Product Width 25.4 mm

Product Weight 0.45 kg Certifications CE

Certified by UL for use in Canada

IEC/EN 60947-5-2

UL 508

CSA-C22.2 No. 14

UL File No.: E166051

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

UL

UL Category Control No.: NRKH, NRKH7 Product specifications

Type Optical sensors Electric connection type Connector M12 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 Short-circuit protection

Reflected-light beam

Protection against wire breakage

Protection against polarity reversal Voltage type DC Wire size 0 Connection type Plug-in connection M12 x 1

2-wire Cable sheath material Other 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) 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 voltage (Us) at AC, 50 Hz - max 0...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / E58-18DP100-DDP with the required quantity to info@electricaonline.com or use 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.