

INDUSTRIAL COMPONENT DATA

E58-18DP50-DDP 135668 Y7-135668 EATON ELECTRIC Diffuse reflective sensor, Sn 50mm, 2L, 18-50VDC, dark, M18, ..

Brand: EATON - MOELLER | Manufacturer Part Number: E58-18DP50-DDP



Manufacturer	EATON - MOELLER
MPN / Reference	E58-18DP50-DDP
Catalog number	Y7-135668
Category	Light scanner with background masking
Minimum order	1 Pcs
Document ID	EO-8E25268792
Generated	2026-08-03

Product Overview

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

E58-18DP50-DDP

Eaton Moeller® series E58 Diffuse reflective sensor, Sn=50mm, 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 135668 Model Code E58-18DP50-DDP
EAN 4015081324613 Product Length/Depth 152.4 mm Product Height 44.45 mm Product Width 152.4 mm Product Weight
0.23 kg Certifications IEC/EN 60947-5-2

UL File No.: E166051

UL

CSA-C22.2 No. 14

Certified by UL for use in Canada

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

UL Category Control No.: NRKH, NRKH7

CE

UL 508 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 Reflected-light beam

Protection against wire breakage

Short-circuit protection

Protection against polarity reversal Voltage type DC Wire size 0 Connection type 2-wire

Plug-in connection M12 x 1 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...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / E58-18DP50-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.