

INDUSTRIAL COMPONENT DATA

E58-18DP100-HDP 135665 Y7-135665 EATON ELECTRIC

Diffuse reflective sensor, Sn 100mm, 4L, 10-30VDC, dark, NPN..

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



Manufacturer	EATON - MOELLER
MPN / Reference	E58-18DP100-HDP
Catalog number	Y7-135665
Category	Light scanner with background masking
Minimum order	1 Pcs
Document ID	EO-0609AE097F
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Product Overview

Diffuse reflective sensor, Sn=100mm, 4L, 10-30VDC, dark, NPN, PNP, M18, metal, M12

E58-18DP100-HDP

Eaton Moeller® series E58 Diffuse reflective sensor, Sn=100mm, 4L, 10-30VDC, dark, NPN, PNP, 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
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Additional Product Information

General specifications

Product Name Eaton Moeller® series E58 Diffuse reflective sensor Catalog Number 135665 Model Code

E58-18DP100-HDP EAN 4015081324583 Product Length/Depth 38.1 mm Product Height 38.1 mm Product Width 38.1 mm

Product Weight 0.23 kg Certifications CE

UL
UL 508
CSA-C22.2 No. 14
UL Category Control No.: NRKH, NRKH7
UL File No.: E166051
CSA File No.: UL report applies to both US and Canada
Certified by UL for use in Canada
IEC/EN 60947-5-2 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 polarity reversal
Short-circuit protection
Protection against wire breakage Voltage type DC Wire size 0 Connection type 4-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, 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 voltag...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / E58-18DP100-HDP 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

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