

INDUSTRIAL COMPONENT DATA

14102RQD07 Y7-135661 EATON ELECTRIC Retroreflective sensing sensor, Sn 4500mm, 4L, 10-30VDC, NPN, PNP, M18, me..

Brand: EATON - MOELLER | Manufacturer Part Number: 14102RQD07



Manufacturer	EATON - MOELLER
MPN / Reference	14102RQD07
Catalog number	Y7-135661
Category	Retroreflective photoelectric sensor
Minimum order	1 Pcs
Document ID	EO-7B19E56DD6
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Product Overview

Retroreflective sensing sensor, Sn=4500mm, 4L, 10-30VDC, NPN, PNP, M18, metal, M12

14102RQD07

Eaton Moeller® series Insulated enclosure, Sn=4500mm, 4L, 10-30VDC, NPN, PNP, M18, metal, M12

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
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Additional Product Information

General specifications

Product Name Eaton Moeller® series E58 Diffuse reflective sensor Catalog Number 14102RQD07 Model Code

14102RQD07 EAN 4015081324545 UPC 782113846729 Product Length/Depth 152.4 mm Product Height 44.45 mm

Product Width 152.4 mm Product Weight 0.23 kg Certifications UL Recognized

cUL Recognized

UL Category Control No.: NRKH, NRKH7

UL 508

IEC/EN 60947-5-2

CSA File No.: 50513

CSA

CSA-C22.2 No. 14

UL File No.: E117028

UL

CE

CSA Class No.: 3211-07 Product specifications

Type Optical sensors Contact Rating 100 mA PNP, 250 mA NPN at 10-30 Vdc Features Non-polarized Electric connection type Plug-in connection Enclosure material Polyurethane foam (RIM)

Plastic Enclosure type Cylinder, screw-thread Operating mode Switching principle: Adjustable bright/dark switching

Connection M12 Contact configuration NPN and PNP open collector Explosion safety category for dust None Sensor type

Retroreflective Explosion safety category for gas None Functions Short-circuit protection

For combination with reflector

Protection against polarity reversal

Reflected-light beam Voltage type DC Connection type Plug-in connection M12 x 1

4-wire Input voltage 10-30 Vdc Light type Polarity free red light Degree of protection IP67

NEMA Other Interface type Other LED indicator Output ON

Status indication of Switching state: Red LED Switch function type Programmable/configurable Load current Max. 250 mA (Ie, NPN, 120 > 50°C)

Max. 100 mA (Ie, PNP) Laser protection class None Shock resistance 100...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / 14102RQD07 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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