

INDUSTRIAL COMPONENT DATA

14102AQD07 Y7-135657 EATON ELECTRIC Retroreflective sensing sensor, Sn 7600mm, 4L, 10-30VDC, NPN, PNP, M18, in..

Brand: EATON - MOELLER | Manufacturer Part Number: 14102AQD07



Manufacturer	EATON - MOELLER
MPN / Reference	14102AQD07
Catalog number	Y7-135657
Category	Retroreflective photoelectric sensor
Minimum order	1 Pcs
Document ID	EO-EA2450CB0E
Generated	2026-08-06

Product Overview

Retroreflective sensing sensor, Sn=7600mm, 4L, 10-30VDC, NPN, PNP, M18, insulated material, M12 14102AQD07

Eaton Moeller® series Retroreflective sensing sensor, Sn=7600mm, 4L, 10-30VDC, NPN, PNP, M18, insulated material, 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
--------------	---------------------------

Additional Product Information

General specifications

Product Name Eaton Moeller® series E58 Diffuse reflective sensor Catalog Number 14102AQD07 Model Code 14102AQD07 EAN 4015081324507 UPC 782113843711 Product Length/Depth 127 mm Product Height 50.8 mm Product Width 152.4 mm Product Weight 0.098 kg Certifications cUL Recognized
UL Recognized
CSA Class No.: 3211-07

IEC/EN 60947-5-2

UL Category Control No.: NRKH, NRKH7

CSA File No.: 50513

UL 508

UL File No.: E117028

CE

CSA-C22.2 No. 14

UL

CSA Product specifications

Type Optical sensors Contact Rating 100 mA PNP, 250 mA NPN at 10-30 Vdc Features Straight beam

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 Reflected-light beam

For combination with reflector

Protection against polarity reversal

Short-circuit protection 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 NEMA 1

IP67 Interface type Other LED indicator Output ON

Status indication of Switching state: Red LED Switch function type Programmable/configurable Load current Max. 100 mA (Ie, PNP)

Max. 250 mA (Ie, NPN, 120 > 50°C) Laser protection class None Shock resist...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / 14102AQD07 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.