

INDUSTRIAL COMPONENT DATA

13101A6517 135587 Y7-135587 EATON ELECTRIC Diffuse reflective sensor, Sn 100mm, 4L, 10-30VDC, NPN, PNP, M18,..

Brand: EATON - MOELLER | Manufacturer Part Number: 13101A6517



Manufacturer	EATON - MOELLER
MPN / Reference	13101A6517
Catalog number	Y7-135587
Category	Light scanner with background masking
Minimum order	1 Pcs
Document ID	EO-B5D05EA925
Generated	2026-08-02

Product Overview

Diffuse reflective sensor, Sn=100mm, 4L, 10-30VDC, NPN, PNP, M18, insulated material, line 2m

13101A6517

Eaton Moeller® series E58 Diffuse reflective sensor, Sn=100mm, 4L, 10-30VDC, NPN, PNP, M18, insulated material, line 2m 13101A6517

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 135587 Model Code 13101A6517 EAN 4015081323807 Product Length/Depth 127 mm Product Height 50.8 mm Product Width 152.4 mm Product Weight 0.3 kg

Certifications UL

UL Category Control No.: NRKH, NRKH7

CSA File No.: 50513

IEC/EN 60947-5-2

CSA-C22.2 No. 14

UL 508

CSA

CSA Class No.: 3211-07

UL File No.: E117028

CE Product specifications

Type Optical sensors Features Straight beam Electric connection type Cable Fitted with: Background suppression (Perfect Prox) Enclosure material Plastic Enclosure type Cylinder, screw-thread Operating mode Switching principle: Adjustable bright/dark switching Explosion safety category for dust None Explosion safety category for gas None Functions

Short-circuit protection

Reflected-light beam

Protection against polarity reversal Voltage type DC Wire size 22 Connection type 4-wire

2 m connection cable Cable sheath material Polyvinyl chloride (PVC) Light type Infrared light Degree of protection IP67

NEMA 6 Interface type Other LED indicator 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 Operation agent-safety class Safety class 2 Shock

resistance 100 g, Mechanical, Shock duration 3 ms Optical surface material Plastic Output current (mA) - max 250 mA

Output current at protected output - max 0 mA Rated control s...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / 13101A6517 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.