

INDUSTRIAL COMPONENT DATA

12100R6517 135571 Y7-135571 EATON ELECTRIC Thru-beam photoelectric sensor, receiver, Sn 6m, 4L, 10-30VDC, li..

Brand: EATON - MOELLER | Manufacturer Part Number: 12100R6517



Manufacturer	EATON - MOELLER
MPN / Reference	12100R6517
Catalog number	Y7-135571
Category	Through beam photoelectric sensor
Minimum order	1 Pcs
Document ID	EO-040D1A2661
Generated	2026-08-05

Product Overview

Thru-beam photoelectric sensor, receiver, Sn=6m, 4L, 10-30VDC, light/dark, NPN, PNP, M18, insulated material 12100R6517

Eaton Moeller® series E58 Thru-beam photoelectric sensor, receiver, Sn=6m, 4L, 10-30VDC, light/dark, NPN, PNP, M18, insulated material 12100R6517

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 Thru-beam photoelectric sensor Catalog Number 135571 Model Code 12100R6517 EAN 4015081323647 Product Length/Depth 158.75 mm Product Height 50.8 mm Product Width 133.35 mm Product Weight 0.32 kg Certifications CSA File No.: 50513
UL Category Control No.: NRKH, NRKH7
UL 508
UL File No.: E117028

CSA-C22.2 No. 14

IEC/EN 60947-5-2

CE

UL

CSA

CSA Class No.: 3211-07 Product specifications

Type Optical sensors Features Right-angled beam Device type Receiver Electric connection type Cable 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 Detector (for combination with source)

Protection against polarity reversal

Thru-light beam

Short-circuit protection Voltage type DC Wire size 0 Connection type 4-wire

2 m connection cable Cable sheath material Polyurethane (PUR) Light type Polarity free red light Degree of protection NEMA 1

IP67 Interface type Other LED indicator Status indication of Switching state: Red LED Switch function type Other Load current Max. 250 mA (I_e, NPN, 120 > 50°C)

Max. 100 mA (I_e, PNP) 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 100 mA Output current at protected output - max 0 mA Rated control s...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / 12100R6517 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.