

INDUSTRIAL COMPONENT DATA

E71-TBRN-M8 100532 EATON ELECTRIC Proximity switch, optical, long range 6m, 4L, 10-30VDC, NPN, M8

Brand: EATON - MOELLER | Manufacturer Part Number: E71-TBRN-M8



Manufacturer	EATON - MOELLER
MPN / Reference	E71-TBRN-M8
Catalog number	100532
Category	Through beam photoelectric sensor
Minimum order	1 Pcs
Document ID	EO-C1A6522DE8
Generated	2026-08-05

Product Overview

Proximity switch, optical, long range 6m, 4L, 10-30VDC, NPN, M8

E71 NanoView series, product features: optical miniature sensor, very minimal size in cube form, IP66_x, status LED for Power und Output, light and dark switching, visible red LED beam enables simple commissioning and adjustment, thru-Beam version

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
--------------	-----------------

Additional Product Information

Proximity switch, optical, long range 6m, 4L, 10-30VDC, NPN, M8 Eaton Catalog No. E71-TBRN-M8 E71 NanoView series, product features: optical miniature sensor, very minimal size in cube form, IP66_x, status LED for Power und Output, light and dark switching, visible red LED beam enables simple commissioning and adjustment, thru-Beam version [Delivery program

Basic function Optical sensors Product range E71 NanoView Series For connection of: Plug-in connection M8 x 1 Design (outer dimensions) Rectangular (20 x 12 x 32) mm Rated operational voltage [Ue] 10 - 30 V DC Rated switching distance [Sn] 6000 mm Description Detector (for combination with source) Connection 4-wire Function Thru-beam photoelectric sensor Type of light Infra-red Material Insulated material Switching type NPN Switching principle Adjustable bright/dark switching Information relevant for export to North America Product Standards UL 508; CSA-C22.2 No. 14; IEC60947-5-2; CE marking

UL File No. E166051

UL Category Control No. NRKH, NRKH7

CSA File No. UL report applies to both Canada and US

North America Certification UL listed, certified by UL for use in Canada

Max. Voltage Rating 30 V DC

Degree of Protection IEC: IP67; UL/CSA Type: -

, Technical data

General Ambient temperature -25 - +55 Operation [?] -25 - +55 °C Storage [?] -25 - +70 °C Mechanical shock resistance 30

Shock duration 11 ms g Degree of Protection IP67 Vibration Amplitude 0.5 mm: 10 - 55 Hz.

IEC/EN 60068-2-6 Characteristics Rated switching distan...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / E71-TBRN-M8 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.