

INDUSTRIAL COMPONENT DATA

E71-FFDN-M8 100511 EATON ELECTRIC Proximity switch, optical, long range 10cm, 4L, 10-30VDC, NPN, M8

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



Manufacturer	EATON - MOELLER
MPN / Reference	E71-FFDN-M8
Catalog number	100511
Category	Diffuse reflective photoelectric sensor
Minimum order	1 Pcs
Document ID	EO-2D0023C9A3
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Product Overview

Proximity switch, optical, long range 10cm, 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, fixed focus diffuse reflective version to detect very small parts

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

Proximity switch, optical, long range 10cm, 4L, 10-30VDC, NPN, M8 Eaton Catalog No. E71-FFDN-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, fixed focus diffuse reflective version to detect very small parts [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] 100 mm Description Beam: focused, forward viewing Connection 4-wire Function Reflected-light beam Type of light Visible 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 Chara...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / E71-FFDN-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

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