

## INDUSTRIAL COMPONENT DATA

# E71-PRN-CA 100523 EATON ELECTRIC Proximity switch, optical, long range 2.5m, 4L, 10-30VDC, NPN cable

Brand: EATON - MOELLER | Manufacturer Part Number: E71-PRN-CA



|                 |                                      |
|-----------------|--------------------------------------|
| Manufacturer    | EATON - MOELLER                      |
| MPN / Reference | E71-PRN-CA                           |
| Catalog number  | 100523                               |
| Category        | Retroreflective photoelectric sensor |
| Minimum order   | 1 Pcs                                |
| Document ID     | EO-A2B47A2382                        |
| Generated       | 2026-08-06                           |

## Product Overview

Proximity switch, optical, long range 2.5m, 4L, 10-30VDC, NPN cable

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, polarized Reflex operates with polarized light

## 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 |
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## Additional Product Information

Proximity switch, optical, long range 2.5m, 4L, 10-30VDC, NPN cable Eaton Catalog No. E71-PRN-CA 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, polarized Reflex operates with polarized light [ Delivery program

Basic function Optical sensors Product range E71 NanoView Series For connection of: 2 m connection cable Design (outer dimensions) Rectangular (20 x 12 x 32) mm Rated operational voltage [Ue] 10 - 30 V DC Rated switching distance [Sn] 2500 mm Description polarized light Connection 4-wire Function Reflex photoelectric sensor 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: IP66; 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 IP66 Vibration Amplitude 0.5 mm: 10 - 55 Hz.

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

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / E71-PRN-CA with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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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