

## INDUSTRIAL COMPONENT DATA

# E57G-18UNN12-C2 197727 Y7-197727 EATON ELECTRIC Proximity switch, E57G General Purpose Serie, 1 N/O, 3-wire,..

Brand: EATON - MOELLER | Manufacturer Part Number: E57G-18UNN12-C2



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | EATON - MOELLER            |
| MPN / Reference | E57G-18UNN12-C2            |
| Catalog number  | Y7-197727                  |
| Category        | Inductive proximity switch |
| Minimum order   | 1 Pcs                      |
| Document ID     | EO-D755ACD6F2              |
| Generated       | 2026-08-05                 |

## Product Overview

Proximity switch, E57G General Purpose Serie, 1 N/O, 3-wire, 10 - 30 V DC, M18 x 1 mm, Sn= 12 mm, Non-flush, NPN, Stainless steel, 2 m connection cable  
E57G-18UNN12-C2

## 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

Proximity switch, E57G General Purpose Serie, 1 N/O, 3-wire, 10 - 30 V DC, M18 x 1 mm, Sn= 12 mm, Non-flush, NPN, Stainless steel, 2 m connection cableDelivery program

Basic functionInductive SensorsProduct rangeE57G general purpose seriesConnection3-wireDesign (outer dimensions)M18 x 1 mmRated operational voltage [Ue]10 - 30 V DCRated switching distance [Sn]12 mmType of mountingNon-flushSwitching typeNPNFor connection of:2 m connection cableContactsN/O = Normally open1 N/OMaterialStainless steelDegree of ProtectionIP67Technical data

GeneralStandardsIEC/EN 60947-5-2Ambient temperature-25 - +70Mechanical shock resistance30

Shock duration 11 ms gDegree of ProtectionIP67VibrationAmplitude 1 mm: 10 - 55 HzCharacteristicsRated switching distanceRated switching distance [Sn]12 mmRepetition accuracy of Sn3 %Temperature drift of Sn10 %Switching hysteresis of Sn20 %Range12 mmRated operational voltage [Ue]10 - 30 V DCMaximum load current [Ie]< 100 mAOperating current in the switched state at 24 V DC [Ib]10 mAVoltage drop at Ie[Ud]2.5 VSwitching Frequency300 HzResponse time200 msMin. load current [Ie]1 mASwitching state displayYellow LEDProtective functionsShort-circuit protective deviceConnection3-wireContactsN/O = Normally open1 N/OStyleDesign (outer dimensions)M18 x 1 mmFor connection of:2

m connection cableMaterialStainless steelDesign verification as per IEC/EN 61439

Operating ambient temperature min.-25 °COperating ambient temperature max.+70 °CTechnical data ETIM 7.0

Sensors (EG...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / E57G-18UNN12-C2 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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