

## INDUSTRIAL COMPONENT DATA

# E57G-18UNC12-Q 197724 Y7-197724 EATON ELECTRIC

## Proximity switch, E57G General Purpose Serie, 1 NC, 3-wire, 1..

Brand: EATON - MOELLER | Manufacturer Part Number: E57G-18UNC12-Q



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | EATON - MOELLER            |
| MPN / Reference | E57G-18UNC12-Q             |
| Catalog number  | Y7-197724                  |
| Category        | Inductive proximity switch |
| Minimum order   | 1 Pcs                      |
| Document ID     | EO-ABC2952970              |
| Generated       | 2026-08-04                 |

### Product Overview

Proximity switch, E57G General Purpose Serie, 1 NC, 3-wire, 10 - 30 V DC, M18 x 1 mm, Sn= 12 mm, Non-flush, NPN, Stainless steel, Plug-in connection M12 x 1  
E57G-18UNC12-Q

## 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 NC, 3-wire, 10 - 30 V DC, M18 x 1 mm, Sn= 12 mm, Non-flush, NPN, Stainless steel, Plug-in connection M12 x 1

Delivery 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:Plug-in connection M12 x 1ContactsN/C = Normally closed1 NCMaterialStainless 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 [I<sub>e</sub>]1 mA Switching state displayYellow LED Protective functionsShort-circuit protective  
deviceConnection3-wireContactsN/C = Normally closed1 NC StyleDesign (outer dimensions)M18 x 1 mmFor connection  
of:Plug-in connection M12 x 1MaterialStainless steelDesign verification as per IEC/EN 61439  
Operating ambient temperature min.-25 °C Operating ambient temperature max.+70 °C Technical data E...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / E57G-18UNC12-Q 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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requirements against the manufacturer documentation before purchase or installation.