

INDUSTRIAL COMPONENT DATA

E57G-12SPN2-Q 197688 Y7-197688 EATON ELECTRIC

Proximity switch, E57G General Purpose Serie, 1 N/O, 3-wire, 1..

Brand: EATON - MOELLER | Manufacturer Part Number: E57G-12SPN2-Q



Manufacturer	EATON - MOELLER
MPN / Reference	E57G-12SPN2-Q
Catalog number	Y7-197688
Category	Inductive proximity switch
Minimum order	1 Pcs
Document ID	EO-6585715A80
Generated	2026-08-06

Product Overview

Proximity switch, E57G General Purpose Serie, 1 N/O, 3-wire, 10 - 30 V DC, M12 x 1 mm, Sn= 2 mm, Flush, PNP, Stainless steel, Plug-in connection M12 x 1
E57G-12SPN2-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 N/O, 3-wire, 10 - 30 V DC, M12 x 1 mm, Sn= 2 mm, Flush, PNP, Stainless steel, Plug-in connection M12 x 1

Delivery program

Basic functionInductive SensorsProduct rangeE57G general purpose seriesConnection3-wireDesign (outer dimensions)M12 x 1 mmRated operational voltage [Ue]10 - 30 V DCRated switching distance [Sn]2 mmType of mountingFlushSwitching typePNPFor connection of:Plug-in connection M12 x 1ContactsN/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]2 mmRepetition accuracy of Sn1 %Temperature drift of Sn10 %Switching hysteresis of Sn20 %Range2 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 Frequency2000 HzResponse time200 msMin.

load current [Ie] 1 mA Switching state display Yellow LED Protective functions Short-circuit protective
device Connection 3-wire Contacts N/O = Normally open 1 N/O Style Design (outer dimensions) M12 x 1 mm For connection
of: Plug-in connection M12 x 1 Material Stainless steel Design verification as per IEC/EN 61439
Operating ambient temperature min. -25 °C Operating ambient temperature max. +70 °C Technical data ETIM 7.0
Sens...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / E57G-12SPN2-Q 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.