

INDUSTRIAL COMPONENT DATA

E57G-12SPN2-C2 197687 Y7-197687 EATON ELECTRIC

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

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Brand: EATON - MOELLER | Manufacturer Part Number: E57G-12SPN2-C2



Manufacturer	EATON - MOELLER
MPN / Reference	E57G-12SPN2-C2
Catalog number	Y7-197687
Category	Inductive proximity switch
Minimum order	1 Pcs
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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, 2 m connection cable
E57G-12SPN2-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
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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, 2 m connection cable

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: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]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 displayYellow LED Protective functionsShort-circuit protective
deviceConnection3-wireContactsN/O = Normally open1 N/O StyleDesign (outer dimensions)M12 x 1 mmFor connection of:2
m connection cableMaterialStainless steelDesign verification as per IEC/EN 61439
Operating ambient temperature min.-25 °C Operating ambient temperature max.+70 °C Technical data ETIM 7.0
Sensors (EG000026) / I...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / E57G-12SPN2-C2 with the required quantity to info@electricaonline.com or use
electricaonline.com/request-quote.

GLOBAL OFFICES

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Floor, JLT, Dubai

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requirements against the manufacturer documentation before purchase or installation.