

INDUSTRIAL COMPONENT DATA

E59-M12A105D01-D1 136207 Y7-136207 EATON ELECTRIC Proximity switch, inductive, 1N/O, Sn 4mm, 4L, 6-48VDC, NP..

Brand: EATON - MOELLER | Manufacturer Part Number: E59-M12A105D01-D1



Manufacturer	EATON - MOELLER
MPN / Reference	E59-M12A105D01-D1
Catalog number	Y7-136207
Category	Inductive proximity switch
Minimum order	1 Pcs
Document ID	EO-79BEE05782
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Product Overview

Proximity switch, inductive, 1N/O, Sn=4mm, 4L, 6-48VDC, NPN, PNP, M12, metal

E59-M12A105D01-D1

Proximity switch, Inductive Sensors, Product range: iProx Series, Connection: 3-wire, Design (outer dimensions): M12 x 1 mm, Rated operational voltage: $U_e = 6 - 48 \text{ V DC}$, Rated switching distance: $S_n = 4 \text{ mm}$, Type of mounting: Flush, Switching type: NPN, PNP, Plug-in connection M12 x 1, Contacts N/O = Normally open: 1 N/O, Material: Stainless steel, Degree of Protection: IP67, IP69K, Standards: IEC/EN 60947-5-2

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

EL-Nummer (Norway)0004315381Proximity switch, inductive, 1N/O, Sn=4mm, 4L, 6-48VDC, NPN, PNP, M12, metalProximity switch, Inductive Sensors, Product range: iProx Series, Connection: 3-wire, Design (outer dimensions): M12 x 1 mm, Rated operational voltage: $U_e = 6 - 48 \text{ V DC}$, Rated switching distance: $S_n = 4 \text{ mm}$, Type of mounting: Flush, Switching type: NPN, PNP, Plug-in connection M12 x 1, Contacts N/O = Normally open: 1 N/O, Material: Stainless steel, Degree of Protection: IP67, IP69K, Standards: IEC/EN 60947-5-2Delivery program

Basic functionInductive SensorsProduct rangeiProx SeriesConnection3-wireDesign (outer dimensions)M12 x 1 mmRated operational voltage [U_e]6 - 48 V DCRated switching distance [S_n]4 mmType of mountingFlushSwitching typeNPN PNPFor connection of:Plug-in connection M12 x 1ContactsN/O = Normally open1 N/OMaterialStainless steelDegree of ProtectionIP67, IP69Technical data

GeneralStandardsIEC/EN 60947-5-2Ambient temperature-40 - +70Mechanical shock resistance30

Shock duration 11 ms gDegree of ProtectionIP67, IP69CharacteristicsRated switching distanceRated switching distance
[Sn]4 mmRepetition accuracy of Sn1 %Temperature drift of Sn10 %Switching hysteresis of Sn15 %Rated operational
voltage [Ue]6 - 48 V DCMaximum load current [Ie]< 300 mAOperating current in the switched state at 24 V DC [Ib]15
mAVoltage drop at Ie[Ud]2.5 VSwitching Frequency580 HzMin. load current [Ie]1 mAResidual current through the load in
the blocked state at 230 V AC and 24 V DC [Ir]0.15 mA...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / E59-M12A105D01-D1 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

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requirements against the manufacturer documentation before purchase or installation.