

INDUSTRIAL COMPONENT DATA

E59-M18C116D01-D2 136220 Y7-136220 EATON ELECTRIC Proximity switch, inductive, 1 N/C, Sn 18mm, 4L, 6-48VDC, ..

Brand: EATON - MOELLER | Manufacturer Part Number: E59-M18C116D01-D2



Manufacturer	EATON - MOELLER
MPN / Reference	E59-M18C116D01-D2
Catalog number	Y7-136220
Category	Inductive proximity switch
Minimum order	1 Pcs
Document ID	EO-D2841EA662
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Product Overview

Proximity switch, inductive, 1 N/C, Sn=18mm, 4L, 6-48VDC, NPN, PNP, M18, metal

E59-M18C116D01-D2

Proximity switch, Inductive Sensors, Product range: iProx Series, Connection: 3-wire, Design (outer dimensions): M18 x 1 mm, Rated operational voltage: Ue= 6 - 48 V DC, Rated switching distance: Sn= 18 mm, Type of mounting: Non-flush, Switching type: NPN, PNP, Plug-in connection M12 x 1, Contacts N/C = Normally closed: 1 NC, 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

Proximity switch, inductive, 1 N/C, Sn=18mm, 4L, 6-48VDC, NPN, PNP, M18, metalProximity switch, Inductive Sensors, Product range: iProx Series, Connection: 3-wire, Design (outer dimensions): M18 x 1 mm, Rated operational voltage: Ue= 6 - 48 V DC, Rated switching distance: Sn= 18 mm, Type of mounting: Non-flush, Switching type: NPN, PNP, Plug-in connection M12 x 1, Contacts N/C = Normally closed: 1 NC, Material: Stainless steel, Degree of Protection: IP67, IP69K, Standards: IEC/EN 60947-5-2Delivery program

Basic functionInductive SensorsProduct rangeiProx SeriesConnection3-wireDesign (outer dimensions)M18 x 1 mmRated operational voltage [Ue]6 - 48 V DCRated switching distance [Sn]18 mmType of mountingNon-flushSwitching typeNPN PNPFor connection of:Plug-in connection M12 x 1ContactsN/C = Normally closed1 NCMaterialStainless 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]18 mmRepetition accuracy of Sn3 %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 Frequency150 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 mASwitching sta...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / E59-M18C116D01-D2 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.