

INDUSTRIAL COMPONENT DATA

E59-M18A108C02-D2 136214 Y7-136214 EATON ELECTRIC Proximity switch, inductive, 1 N/C, Sn 8mm, 4L, 6-48VDC, N..

Brand: EATON - MOELLER | Manufacturer Part Number: E59-M18A108C02-D2



Manufacturer	EATON - MOELLER
MPN / Reference	E59-M18A108C02-D2
Catalog number	Y7-136214
Category	Inductive proximity switch
Minimum order	1 Pcs
Document ID	EO-4EC661DFA2
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Product Overview

Proximity switch, inductive, 1 N/C, Sn=8mm, 4L, 6-48VDC, NPN, PNP, M18, metal

E59-M18A108C02-D2

Proximity switch, Inductive Sensors, Product range: iProx Series, Connection: 3-wire, Design (outer dimensions): M18 x 1 mm, Rated operational voltage: $U_e = 6 - 48 \text{ V DC}$, Rated switching distance: $S_n = 8 \text{ mm}$, Type of mounting: Flush, Switching type: NPN, PNP, 2 m connection cable, 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, $S_n = 8 \text{ mm}$, 4L, 6-48VDC, NPN, PNP, M18, metal
Proximity switch, Inductive Sensors, Product range: iProx Series, Connection: 3-wire, Design (outer dimensions): M18 x 1 mm, Rated operational voltage: $U_e = 6 - 48 \text{ V DC}$, Rated switching distance: $S_n = 8 \text{ mm}$, Type of mounting: Flush, Switching type: NPN, PNP, 2 m connection cable, Contacts N/C = Normally closed: 1 NC, Material: Stainless steel, Degree of Protection: IP67, IP69K, Standards: IEC/EN 60947-5-2
Delivery program

Basic function
Inductive Sensors
Product range
iProx Series
Connection
3-wire
Design (outer dimensions)
M18 x 1 mm
Rated operational voltage [U_e]
6 - 48 V DC
Rated switching distance [S_n]
8 mm
Type of mounting
Flush
Switching type
NPN
PNP
For connection of:
2 m connection cable
Contacts
N/C = Normally closed
1 NC
Material
Stainless steel
Degree of Protection
IP67, IP69
Technical data

General
Standards
IEC/EN 60947-5-2
Ambient temperature
-40 - +70
Mechanical shock resistance
30

Shock duration 11 ms gDegree of ProtectionIP67, IP69CharacteristicsRated switching distanceRated switching distance
[Sn]8 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 Frequency390 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 state displayRed LEDOperati...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / E59-M18A108C02-D2 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.