

INDUSTRIAL COMPONENT DATA

E57RAL18T111ED 136076 EATON ELECTRIC Proximity switch, inductive, 1N/O, Sn 8mm, 3L, 6-48VDC, PNP, M18, metal..

Brand: EATON - MOELLER | Manufacturer Part Number: E57RAL18T111ED



Manufacturer	EATON - MOELLER
MPN / Reference	E57RAL18T111ED
Catalog number	136076
Category	Inductive proximity switch
Minimum order	1 Pcs
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Product Overview

Proximity switch, inductive, 1N/O, Sn=8mm, 3L, 6-48VDC, PNP, M18, metal, M12
Proximity detector; Inductive; 1 NO; Sn=8 mm; 3 L; 6-48 V DC; PNP; M18; Metallic; M12
Proximity switch, Inductive Sensors, Product range: E57 Premium+ Series, Connection: 3-wire, Design (outer dimensions): M18 x 1 mm, Rated operational voltage: Ue= 6 - 48 V DC, Rated switching distance: Sn= 8 mm, Type of mounting: Non-flush, Switching type: PNP, Plug-in connection M12 x 1, Contacts N/O = Normally open: 1 N/O, Material: Stainless steel, Degree of Protection: IP67, 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

Additional Product Information

Delivery program Basic function Inductive Sensors
Product range E57 Premium+ Series
Connection 3-wire
Design (outer dimensions) mm M18 x 1
Rated operational voltage Ue 6 - 48 V DC
Rated switching distance Sn mm 8
Type of mounting Non-flush
Switching type PNP

For connection of: Plug-in connection M12 x 1

Contacts

N/O = Normally open 1 N/O

Material Stainless steel

Degree of Protection IP67

Technical data General

Standards IEC/EN 60947-5-2

Ambient temperature -25 - +70

Mechanical shock resistance g 30

Shock duration 11 ms

Degree of Protection IP67

Characteristics

Rated switching distance

Rated switching distance S_n mm 8

Repetition accuracy of S_n % 3

Temperature drift of S_n % 10

Switching hysteresis of S_n % 15

Rated operational voltage U_e 6 - 48 V DC

Operating current in the switched state at 24 V DC I_b mA 10

Maximum load current I_e mA < 500 (6 - 30 V DC)

Voltage drop at I_e U_d V 2.5

Switching Frequency Hz 500

Min. load current I_e mA 1

Residual current through the load in the blocked state at 230 V AC and 24 V DC I_r mA 0.1

Switching state display LED Red

Connection 3-wire

Contacts

N/O = Normally open 1 N/O

Style

Design (outer dimensions) mm M18 x 1

For connection of: Plug-in connection M12 x 1

Material Stainless steel

Approvals Product Standards UL 508; IEC60947-5-2; CE marking

UL File No. E166051

UL Category Control No. NRKH, NRKH7

North America Certification UL listed

Max. Voltage Rating 48 V DC

Degree of Protection IEC: IP67, IP69K; UL/CSA Type: 4, 4x, 6, 6P, 12, 13

Technical....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / E57RAL18T111ED with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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