

INDUSTRIAL COMPONENT DATA

E57SAL12A4 136094 Y7-136094 EATON ELECTRIC Proximity switch, inductive, 1N/O, Sn 2mm, 2L, 20-250VAC, M12, me..

Brand: EATON - MOELLER | Manufacturer Part Number: E57SAL12A4



Manufacturer	EATON - MOELLER
MPN / Reference	E57SAL12A4
Catalog number	Y7-136094
Category	Inductive proximity switch
Minimum order	1 Pcs
Document ID	EO-8BDCC277E3
Generated	2026-08-03

Product Overview

Proximity switch, inductive, 1N/O, Sn=2mm, 2L, 20-250VAC, M12, metal, line 2m

E57SAL12A4

Proximity switch, E57 Premium+ Short-Series, 1 N/O, 2-wire, 40 - 250 V AC, M12 x 1 mm, Sn= 2 mm, Flush, Stainless steel, 2 m connection cable

Proximity switch, Inductive Sensors, Product range: E57 Premium+ Short-Series, Connection: 2-wire, Design (outer dimensions): M12 x 1 mm, Rated operational voltage: Ue= 40 - 250 V AC, Rated switching distance: Sn= 2 mm, Type of mounting: Flush, 2 m connection cable, 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
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Additional Product Information

Proximity switch, E57 Premium+ Short-Series, 1 N/O, 2-wire, 40 - 250 V AC, M12 x 1 mm, Sn= 2 mm, Flush, Stainless steel, 2 m connection cable

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Delivery program

Basic functionInductive SensorsProduct rangeE57 Premium+ Short-SeriesConnection2-wireDesign (outer dimensions)M12 x 1 mmRated operational voltage [Ue]40 - 250 V ACRated switching distance [Sn]2 mmType of mountingFlushFor 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 ProtectionIP67CharacteristicsRated switching distanceRated switching distance [Sn]2 mmRepetition accuracy of Sn3 %Temperature drift of Sn10 %Switching hysteresis of Sn20 %Rated operational voltage [Ue]40 - 250 V ACOperating current in the switched state at 24 V DC [Ib]10 mAMaximum load current [Ie]< 500 (25 °C) / 250 (70 °C) mAVoltage drop at Ie[Ud]2.5 VSwitching Frequency20 HzMin. load current [Ie]1 mAResidual current through the load in the blocked state at 230 V AC and 24 V DC...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / E57SAL12A4 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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