

INDUSTRIAL COMPONENT DATA

E57-18LE20-CD 135956 Y7-135956 EATON ELECTRIC

Proximity switch Inductive 1 NO Sn 20mm 3-wire 6 48 V DC NPN M..

Brand: EATON - MOELLER | Manufacturer Part Number: E57-18LE20-CD



Manufacturer	EATON - MOELLER
MPN / Reference	E57-18LE20-CD
Catalog number	Y7-135956
Category	Inductive proximity switch
Minimum order	1 Pcs
Document ID	EO-5905CE804A
Generated	2026-08-04

Product Overview

Proximity switch Inductive; 1 NO; Sn=20mm; 3-wire; 6 - 48 V DC; NPN; M18; Metal; Connector M12

E57-18LE20-CD

Proximity switch, E57 Premium+ Series, 1 N/O, 3-wire, 6 - 48 V DC, M18 x 1 mm, Sn= 20 mm, Semi-shielded, NPN, Stainless steel, Plug-in connection M12 x 1

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= 20 mm, Type of mounting: Semi-shielded, Switching type: NPN, 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

Proximity switch, E57 Premium+ Series, 1 N/O, 3-wire, 6 - 48 V DC, M18 x 1 mm, Sn= 20 mm, Semi-shielded, NPN, Stainless steel, Plug-in connection M12 x 1

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= 20 mm, Type of mounting: Semi-shielded, Switching type: NPN, 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

Delivery program

Basic functionInductive SensorsProduct rangeE57 Premium+ SeriesConnection3-wireDesign (outer dimensions)M18 x 1

mmRated operational voltage [Ue]6 - 48 V DCRated switching distance [Sn]20 mmType of
mountingSemi-shieldedSwitching typeNPNFor connection of:Plug-in connection M12 x 1ContactsN/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]20
mmRepetition accuracy of Sn3 %Temperature drift of Sn10 %Switching hysteresis of Sn15 %Rated operational voltage
[Ue]6 - 48 V DCOperating current in the switched state at 24 V DC [Ib]10 mAMaximum load current [Ie]< 500 (6 - 30 V DC)
mAVoltage drop at Ie[Ud]2.5 VSwitching Frequency500 HzResidual current through the load in the blocked...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / E57-18LE20-CD 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification
requirements against the manufacturer documentation before purchase or installation.