INDUSTRIAL COMPONENT DATA

E2E-X3D18-R 2M E2E 8307A 681882 OMRON Proximity Sensor, Inductive, Brass-Nickel, M8, Flush, 20 mm, NA, 2 m R..

Brand: OMRON | Manufacturer Part Number: E2E-X3D18-R 2M

Manufacturer	OMRON
MPN / Reference	E2E-X3D18-R 2M
Catalog number	E2EX3D18R2MOMS
Category	Inductive proximity switch
Minimum order	1 Pcs
Document ID	EO-48AE51D215
Generated	2026-08-03

Product Overview

Proximity Sensor, inductive, brass-nickel, M8, shielded, 3 mm, NO, 2 m cable robotic, DC 2-wire

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path	OMRON > Proximity Sensors > New E2E

Additional Product Information

ETIM for 681882 Sensors (EC002714)
Feature Name
Feature Value
Explosion safety category for dust (EF003998)
None
Voltage type (EF000187)
DC
Construction type housing (EF004008)
Cylinder, screw-thread
Degree of protection (NEMA) (EF011959)
Other
Coating housing (EF001601)
Nickel-plated
Mechanical mounting condition for sensor (EF004041)
Quasi-flat

Performance level according to EN ISO 13849-1 (EF007399)
None
Type of interface for safety communication (EF003956)
None
Type of actuation (EF006949)
Metallic Target
Type of switch function (EF003963)
Normally open contact
Type of electric connection (EF003961)
Cable
Type of interface (EF006977)
None
SIL according to IEC 61508 (EF009889)
None
Housing material (EF001596)
Metal
Type of switching output (EF003962)
2-wire
Explosion safety category for gas (EF003997)
None
Cascadable (EF000507)
No
With monitoring function downstream switching devices (EF004052)
No
Compression-resistant (EF007106)
No
Suitable for safety functions (EF001597)
No
Number of protected contact energized outputs (EF003952)
0
Number of semiconductor outputs with signalling function (EF003945)
1
Number of protected semiconductor outputs (EF003951)
0
Diameter sensor (EF007111)
8 mm
Switching distance (EF003647)
3 mm
Length of sensor (EF007334)
37.8 mm
Switching frequency (EF003587)
350 Hz
Number of contact energized outputs with signalling function (EF003946)
0
Supply voltage (EF004127)
10 V
Rated control supply voltage DC (EF003980)

10 V

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E2E-X3D18-R 2M 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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