

INDUSTRIAL COMPONENT DATA

E2Q5-N20F1-M1 E2Q59011M E2Q5N20F1M1OEE OMRON Long distance square inductive proximity sensor, 20 mm, shielde..

Brand: OMRON | Manufacturer Part Number: E2Q5-N20F1-M1



Manufacturer	OMRON
MPN / Reference	E2Q5-N20F1-M1
Catalog number	E2Q5N20F1M1OEE
Category	Inductive proximity switch
Minimum order	1 Pcs
Document ID	EO-B795831906
Generated	2026-08-03

Product Overview

Long distance square inductive proximity sensor, 20 mm, shielded, PNP NO, M12 connector

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 > E2Q
--------------	---------------------------------

Additional Product Information

Size40 x 40 x 67 mmMounting typeFlushSensing distance20 mmOutput typePNPOperation modeNOConnection

methodConnector M12Material housingPBTCable specifications-

ETIM for 702601 Sensors (EC002714)

Feature Name

Feature Value

Explosion safety category for dust (EF003998)

None

Voltage type (EF000187)

DC

Construction type housing (EF004008)

Special construction

Degree of protection (NEMA) (EF011959)

Other

Coating housing (EF001601)

Other

Mechanical mounting condition for sensor (EF004041)
Concise

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)
Connector M12

Type of interface (EF006977)
None

SIL according to IEC 61508 (EF009889)
None

Housing material (EF001596)
Plastic

Type of switching output (EF003962)
PNP

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

Width sensor (EF007094)
40 mm

Height of sensor (EF007283)
67 mm

Switching distance (EF003647)
20 mm

Length of sensor (EF007334)
40 mm

Switching frequency (EF003587)
150...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E2Q5-N20F1-M1 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.