

INDUSTRIAL COMPONENT DATA

E2K-X4ME1 5M E2KX1002D E2KX4ME15M OMRON Capacitive Threaded cc 3h 4mm M12 NPN NA Cable 5m

Brand: OMRON | Manufacturer Part Number: E2K-X4ME1 5M



Manufacturer	OMRON
MPN / Reference	E2K-X4ME1 5M
Catalog number	E2KX4ME15M
Category	Capacitive proximity switch
Minimum order	1 Pcs
Document ID	EO-5B49EDEF8A
Generated	2026-07-29

Product Overview

Capacitive Threaded cc 3h 4mm M12 NPN NA Cable 5m

Proximity sensor, capacitive, M12, unshielded, 4mm, DC, 3-wire, NPN-NO, 5 m cable

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 > E2K

Additional Product Information

ETIM for 106107 Sensors (EC002715)

Feature Name

Feature Value

Explosion safety category for dust (EF003998)

None

Voltage type (EF000187)

DC

Construction type housing (EF004008)

Cylinder, screw-thread

Coating housing (EF001601)

Other

Mechanical mounting condition for sensor (EF004041)

Not flat

Performance level according to EN ISO 13849-1 (EF007399)

None
Type of interface for safety communication (EF003956)
None
Type of actuation (EF006949)
Metallic and non-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)
Plastic
Type of switching output (EF003962)
NPN
Explosion safety category for gas (EF003997)
None
Cascadable (EF000507)
Yes
With monitoring function downstream switching devices (EF004052)
No
Compression-resistant (EF007106)
No
With status indication (EF001602)
Yes
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)
12 mm
Switching distance (EF003647)
4 mm
Length of sensor (EF007334)
80 mm
Switching frequency (EF003587)
100 Hz
Number of contact energized outputs with signalling function (EF003946)
0
Supply voltage (EF004127)
10 V

Rated control supply voltage DC (EF003980)
12 V

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E2K-X4ME1 5M 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.