

INDUSTRIAL COMPONENT DATA

E2K-X4MY1 E2KX1031H E2KX4MY1 OMRON Proximity sensor, capacitive M12 Threaded 4mm NA ca 2h 2m Cable

Brand: OMRON | Manufacturer Part Number: E2K-X4MY1



Manufacturer	OMRON
MPN / Reference	E2K-X4MY1
Catalog number	E2KX4MY1
Category	Capacitive proximity switch
Minimum order	1 Pcs
Document ID	EO-3BCB1DD8F8
Generated	2026-07-29

Product Overview

Proximity sensor, capacitive M12 Threaded 4mm NA ca 2h 2m Cable

Capacitive Threaded CA 2h 4mm M12 NA Cable 2m

Proximity sensor, capacitive, M12, unshielded, 4 mm, AC, 2-wire, NO, 2 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 > Others

Additional Product Information

ETIM for 131780 Sensors (EC002715)

Feature Name

Feature Value

Explosion safety category for dust (EF003998)

None

Voltage type (EF000187)

AC

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)

2-wire

Explosion safety category for gas (EF003997)

None

Cascadable (EF000507)

No

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)

10 Hz

Number of contact energized outputs with signalling function (EF003946)

0

Rated control supply voltage AC 60 Hz (EF003979)

100 V

Rated control supply voltage AC 50 Hz (EF003978)

10...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E2K-X4MY1 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.