

**INDUSTRIAL COMPONENT DATA**

# E2K-X4ME1 2M E2KX1001F E2KX4ME1 OMRON Capacitive Threaded cc 3h 4mm M12 NPN NA Cable 2m

Brand: OMRON | Manufacturer Part Number: E2K-X4ME1 2M



|                 |                             |
|-----------------|-----------------------------|
| Manufacturer    | OMRON                       |
| MPN / Reference | E2K-X4ME1 2M                |
| Catalog number  | E2KX4ME1                    |
| Category        | Capacitive proximity switch |
| Minimum order   | 1 Pcs                       |
| Document ID     | EO-F4D6824554               |
| Generated       | 2026-07-29                  |

## Product Overview

Capacitive Threaded cc 3h 4mm M12 NPN NA Cable 2m  
Proximity sensor, capacitive, M12, unshielded, 4mm, DC, 3-wire, NPN-NO, 2m 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 131774 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 2M with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

#### GLOBAL OFFICES

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