

INDUSTRIAL COMPONENT DATA

E2E-C04S12-MC-C1 E2E 8108G E2EC04S12MCC1OMS OMRON Inductive day.4mm Flush-1.2 mm 3h NPN NA Connector M8 3-pin

Brand: OMRON | Manufacturer Part Number: E2E-C04S12-MC-C1



Manufacturer	OMRON
MPN / Reference	E2E-C04S12-MC-C1
Catalog number	E2EC04S12MCC1OMS
Category	Inductive proximity switch
Minimum order	1 Pcs
Document ID	EO-1B20E5F773
Generated	2026-08-04

Product Overview

Inductive day.4mm Flush-1.2 mm 3h NPN NA Connector M8 3-pin

Inductive dia.4mm Flush 1.2mm 3h NPN NA M8 connector 3 pin

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 > E2E**

Additional Product Information

Small-diameter Proximity Sensor

E2E

Ultra small size, but surprisingly easy installation!

- With the addition of M4, 5.4-dia., 6.5-dia. size, unshielded, pre-wired connector model, and connector model, a total of 108 model variations are available.
- High-speed response frequency stably detects moving objects: 5 kHz max.
- Four indicator lamps for easier indicator positioning.
- Special mounting brackets reduce time and efforts for installation.
- Protective Stainless-steel Spiral Tube against wire breakage is available (M4, M5 only).
- Models also available with standard cables that are 5 m long or with robot (bending-resistant) cables.

For the most recent information on models that have been certified for safety standards, refer to your OMRON website.

Refer to Safety Precautions on page 10.

Features

Lineup of global small-diameter types (3 dia., 4 dia., 5.4 dia., 6.5 dia., M4, M5)

- A lineup of unshielded models for long distance sensing is also available. Stable long distance sensing performance enables worry-free use even when the work flow is unsteady.

Bright operation indicators make it easy to check operation status

- Four indicator lamps in a 360 degree layout can be easily seen.

High-speed response enables sharp detection timing

- 5 kHz response frequency max.

Protection circuits prevent failures due to wiring mistakes.

- Load short-circuit protection and output reverse polarity protection circuits are incorporated.

Environment friendly, low current consumption only...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E2E-C04S12-MC-C1 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.