OMRON Industrial Automation



# E2E-X8MB1T12-M1

Proximity sensor, inductive, nickel-brass, short body, M12, unshielded, 8 mm, DC, 3-wire, PNP NO, IO-Link COM3, M12 connector

# Specifications

| | |
|---|---|
| **Size** | M12 |
| **Mounting type** | Non-flush |
| **Sensing distance** | 8 mm |
| **Overall length of sensor** | 48 mm |
| **Thread length** | 26 mm |
| **Material housing** | Brass, nickel plated |
| **Output type** | IO-Link, PNP |
| **Operation mode** | NO |
| **Connection method** | Connector M12 |
| **Cable specifications** | - |
| **IO-Link function** | ✔ |
| **IO-Link baud rate** | COM3 (230.4 kbps) |
| **Degree of protection (IP)** | IP67/IP69K |

# Related products



**M12 Connectors & Cordsets**
Industrial connectors & cordsets for any application

# Downloads

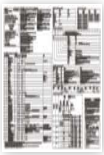
CAD file



**E2E NEXT**

**Datasheet**

EN PDF 40.3 MB



**E2E(Q) - Basic Models**

**Index list**

EN PDF 7.27 MB



**E2E(Q) - Premium Models**

**Index list**

EN PDF 719 KB



**E2E(Q)-XB_XC_basic_model**

**Instruction Sheet**

EN PDF 2.28 MB

**E2E[Q]-XxBxxxx**

**IO-Link IODD file**

EN ZIP 1.35 MB



**IO-Link Series**

**Brochure**

EN PDF 7.95 MB

**TERMS OF WEBSITE USE**

This PDF document was created from the European OMRON Industrial Automation website on 4 November, 2026. Click here for terms of use.