OMRON Industrial Automation



E2E-X16MB1T12-R 2M

Proximity sensor, inductive, nickel-brass, short body, M12, unshielded, 16 mm, DC, 3-wire, PNP NO, IO-Link COM3, 2 m robotic cable

Specifications

Size	M12
Mounting type	Non-flush
Sensing distance	16 mm
Overall length of sensor	47.1 mm
Thread length	26 mm
Material housing	Brass, nickel plated
Output type	IO-Link, PNP
Operation mode	NO
Connection method	Cable
Cable specifications	PVC (oil-resistant)
Cable length	2 m
IO-Link function	✔
IO-Link baud rate	COM3 (230.4 kbps)
Features	Bend resistant, Oil-resistant
Degree of protection (IP)	IP67/IP67G/IP69K

Downloads

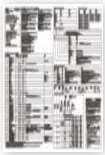
CAD file



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_premium_model

Instruction Sheet

EN PDF 3.66 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.

INDUSTRIAL AUTOMATION | INDUSTRIAL.OMRON.EU