



E2E-X6B1T12-M1

Proximity sensor, inductive, nickel-brass, short body, M12, shielded, 6 mm, DC, 3-wire, PNP NO, IO-Link COM3, M12 connector

Specifications

Size	M12
Mounting type	Quasi-flush
Sensing distance	6 mm
Overall length of sensor	48 mm
Thread length	28 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

Accessories



Y92E-J12S18

Mounting Sleeves e-jig for M12 Prox

Related products



M12 Connectors & Cordsets

Industrial connectors & cordsets for any application

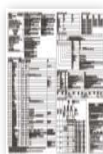
Downloads

CAD Library



E2E NEXT Datasheet

EN PDF 40 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 26 April, 2026. Click here for [terms of use](#).

OMRON

INDUSTRIAL AUTOMATION | [INDUSTRIAL.OMRON.EU](https://www.industrial.omron.eu)