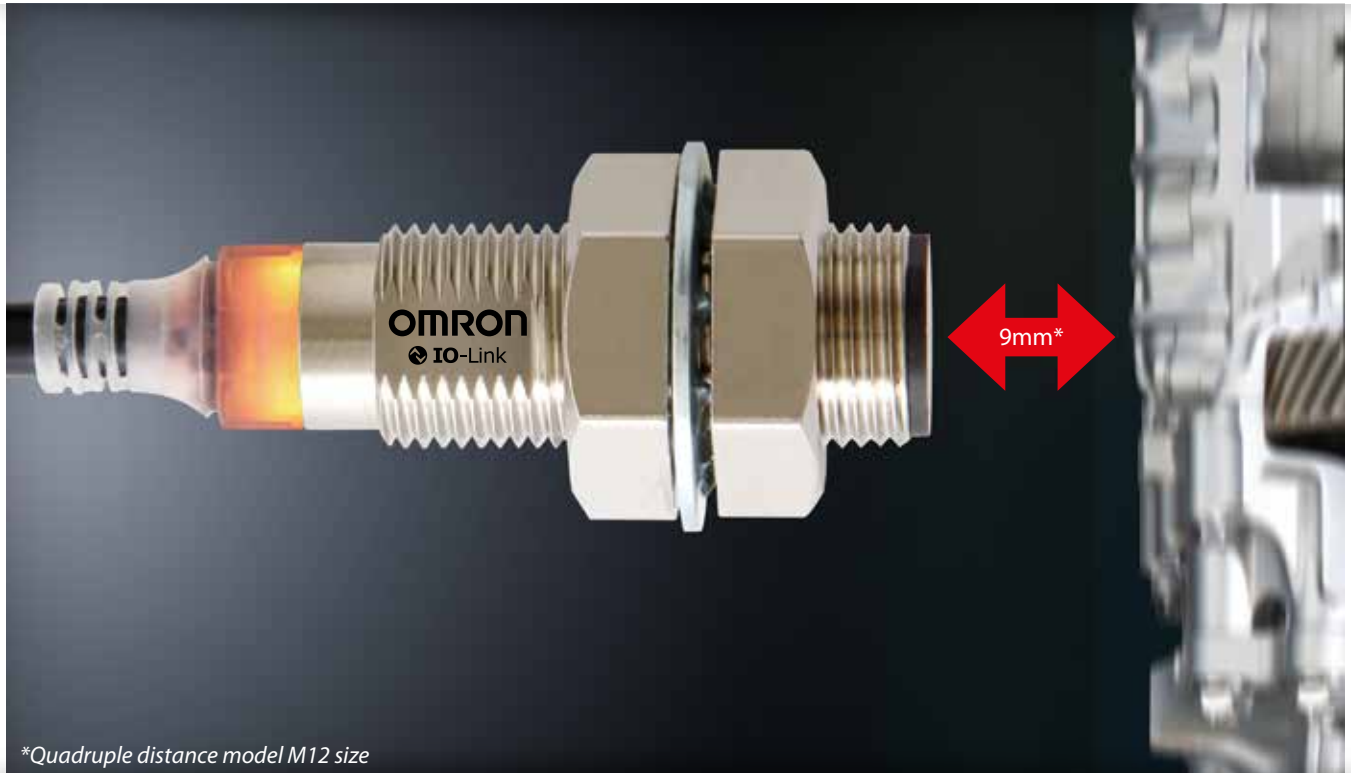


E2E Next

New generation with exceptional sensing range



E2E Next series is a new generation of innovative inductive sensors. Providing the longest detection range in the world. The new family support customers to design their applications easier, faster and safer.

E2E Next is equipped with IO-Link providing intelligence into the field level. That helps to improve production efficiency.

- The world's longest sensing distance
- Reduce malfunctions and collisions
- Smart sensor with IO-Link
- With 360°high-brightness LED
- Easy replacement with e-jig accessory
- Cables with enhanced oil resistance
- IP69K for water & wash resistance
- Extended temperature range
- Wide range of variation for easy selection
- UL, CSA & EAC certification

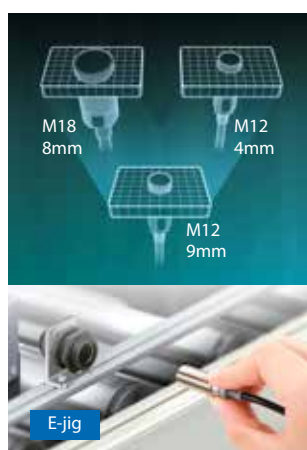
Would you like to know more?

+31 (0) 23 568 13 00

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E2E Next - New Inductive Generation



Flexible Design

- Standardized design with a single one-size model with extended detection range
- Allows for more spacious design
- E-jig helps for quick change and flexible mounting



IP69K
High temperatures/
high water pressure

IP67G
Oil resistance

Proven Robustness

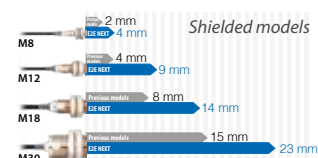
- Additional space reduce collisions & malfunctions
- IP69K for water & wash resistance
- IP67G cables models with enhanced oil resistance



IO-Link

Smart Sensors

- Helping to reduce the time required for start-ups and changeovers.
- Improving production efficiency, thanks to predictive maintenance & data acquisition



Easy Selection

- Just one series to solve any need
- Sensing range from 1,5mm to 50mm
- All connection methods, cable, connectors, pigtails as well robotic cables

Product name legend							
E2E-X	Range	Shielding	Output	Body	Size	Connection	
	1.5 mm ... 50 mm	Blank Shielded M Unshielded	B1T PNP NO B2 PNP NC B3D PNP NO/NC C1 NPN NO C2 NPN NC C3 NPN NO/NC	Blank Short L Long	8 M18 12 M12 18 M18 30 M30	2M 5M -M1 -M3 -M5 -M1TJ	2m cable 5m cable M12 connector M8 con. 3Poles M8 con. 3Poles M12 pigtail con.

Conversion table of main E2A items		
From E2A to E2E Next	Item description
E2A-S08KS02-M1-C1	E2E-X2C18-M1	Inductive sensor, SUS body, short body, M8, shielded, 2 mm, DC, NPN NO, M12 connector
E2A-S08KS02-WP-B1 2M	E2E-X2B1T8 2M	Inductive sensor, SUS body, short body, M8, shielded, 2 mm, DC, PNP NO, IO-Link COM3, 2 m cable
E2A-S08KS02-M1-B1	E2E-X2B1T8-M1	Inductive sensor, SUS body, short body, M8, shielded, 2 mm, DC, PNP NO, IO-Link COM3, M12 connector
E2A-S08KS02-M5-B1	E2E-X2B1T8-M5	Inductive sensor, SUS body, short body, M8, shielded, 2 mm, DC, PNP NO, IO-Link COM3, M8 connector 3 pin
E2A-S08LS02-M1-B1	E2E-X2B1TL8-M1	Inductive sensor, SUS body, long body, M8, shielded, 2 mm, DC, PNP NO, IO-Link COM3, M12 connector
E2A-S08KN04-M1-B1	E2E-X4MB1T8-M1	Inductive sensor, SUS body, short body, M8, unshielded, 4 mm, DC, PNP NO, IO-Link COM3, M12 connector
E2A-M12KS04-M1-C1	E2E-X4C112-M1	Inductive sensor, nickel-brass, short body, M12, shielded, 4 mm, DC, NPN NO, M12 connector
E2A-M12KS04-WP-B1 2M	E2E-X4B1T12 2M	Inductive sensor, nickel-brass, short body, M12, shielded, 4 mm, DC, PNP NO, IO-Link COM3, 2 m cable
E2A-M12KS04-M1-B1	E2E-X4B1T12-M1	Inductive sensor, nickel-brass, short body, M12, shielded, 4 mm, DC, PNP NO, IO-Link COM3, M12 connector
E2A-M12LS04-WP-B1 2M	E2E-X4B1TL12 2M	Inductive sensor, nickel-brass, long body, M12, shielded, 4 mm, DC, PNP NO, IO-Link COM3, 2 m cable
E2A-M12LS04-M1-B1	E2E-X4B1TL12-M1	Inductive sensor, nickel-brass, long body, M12, shielded, 4 mm, DC, PNP NO, IO-Link COM3, M12 connector
E2A-M12KS04-WP-B3	E2E-X4B3D12 2M	Inductive sensor, nickel-brass, short body, M12, shielded, 4 mm, DC, PNP NONC, IO-Link COM2, 2 m cable
E2A-M12KN08-M1-B1	E2E-X8MB1T12-M1	Inductive sensor, nickel-brass, short body, M12, unshielded, 8 mm, DC, PNP NO, IO-Link COM3, M12 connector
E2A-M18KS08-M1-C1	E2E-X8C118-M1	Inductive sensor, nickel-brass, short body, M18, shielded, 8 mm, DC, NPN NO, M12 connector
E2A-M18KS08-WP-B1 2M	E2E-X8B1T18 2M	Inductive sensor, nickel-brass, short body, M18, shielded, 8 mm, DC, PNP NO, IO-Link COM3, 2 m cable
E2A-M18KS08-M1-B1	E2E-X8B1T18-M1	Inductive sensor, nickel-brass, short body, M18, shielded, 8 mm, DC, PNP NO, IO-Link COM3, M12 connector
E2A-M18KS08-WP-B3	E2E-X8B3D18 2M	Inductive sensor, nickel-brass, short body, M18, shielded, 8 mm, DC, PNP NONC, IO-Link COM2, 2 m cable
E2A-M18KS08-M1-B3	E2E-X8B3D18-M1	Inductive sensor, nickel-brass, short body, M18, shielded, 8 mm, DC, PNP NONC, IO-Link COM2, M12 connector
E2A-M18KN16-WP-B1 2M	E2E-X16MB1T18 2M	Inductive sensor, nickel-brass, short body, M18, unshielded, 16 mm, DC, PNP NO, IO-Link COM3, 2 m cable
E2A-M18KN16-M1-B1	E2E-X16MB1T18-M1	Inductive sensor, nickel-brass, short body, M18, unshielded, 16 mm, DC, PNP NO, IO-Link COM3, M12 connector
E2A-M18KN16-M1-B3	E2E-X16MB3D18-M1	Inductive sensor, nickel-brass, short body, M18, unshielded, 16 mm, DC, PNP NONC, IO-Link COM2, M12 connector
E2A-M30KS15-WP-B1 2M	E2E-X15B1T30 2M	Inductive sensor, nickel-brass, short body, M30, shielded, 15 mm, DC, PNP NO, IO-Link COM3, 2 m cable
E2A-M30KS15-M1-B1	E2E-X15B1T30-M1	Inductive sensor, nickel-brass, short body, M30, shielded, 15 mm, DC, PNP NO, IO-Link COM3, M12 connector

Can not find the model you are looking for? Please use local Omron Web page.

For more information:

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