

# New Inductive Sensor E2E Next

Exceptional sensing range allows you to standardize your design with a single one-size model



	From E2A ....	.... to E2E Next	Customer Value
Sensing distance	Up to 30mm	Up to 50mm	Much wider range, thanks to triple and quadruple models. Unified specifications support stock reduction
Degree of protection	IP67, IP69K	IP67, IP69K, IP67G	Robust housing enables installation of the new sensors in harsh environment conditions, in addition to areas subject to oil
Operating temperature	–40°C to 70°C	–40°C to 85°C	Wide temperature range that ensures a correct behaviour under challenging conditions
IO-Link	No	Yes	IO-Link will help you to improve production efficiency, thanks to predictive maintenance & data acquisition, in addition to reduce stock and handling cost
UL certification	No	Yes	The latest certification for US market, simplifies the export and certification process
Accessories	Clamping nuts	Clamping nuts Toothed washer	All accessories you need for correct mounting are now included

*Would you like to know more?*

BPX

+44 (0) 116 2999 100

[www.bpx.co.uk](http://www.bpx.co.uk)

**OMRON**

DISTRIBUTOR

# From E2A to E2E Next

## More value, same price

Exceptional sensing range allows you to standardize your design with a single one-size model

### Specious design



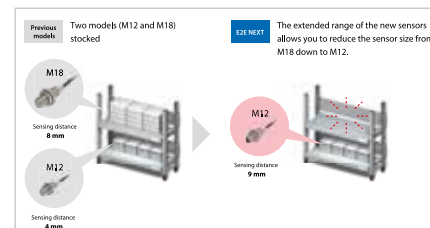
Allows for more spacious design with less risk of contact

### Predictive maintenance



Predictive maintenance thanks to IO-Link to reduce machine down-time and increase productivity

### One-size model



Standardized design with a single one-size model

## 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 prewired
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-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-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-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 prewired
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-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-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 prewired
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 prewired
E2A-M12LS04-M1-B3	E2E-X4B3DL12-M1	Inductive sensor, nickel-brass, long body, M12, shielded, 4 mm, DC, PNP NONC, IO-Link COM2, 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-M18KN16-M1-C1	E2E-X16MC118-M1	Inductive sensor, nickel-brass, short body, M18, unshielded, 16 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 prewired
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-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 prewired
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-M18LS08-M1-B3	E2E-X8B1TL18-M1	Inductive sensor, nickel-brass, long 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 prewired
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-M1-B3	E2E-X16MB3D18-M1	Inductive sensor, nickel-brass, short body, M18, unshielded, 16 mm, DC, PNP NONC, IO-Link COM2, M12 connector
E2A-M18LS08-M1-B3	E2E-X8B3DL18-M1	Inductive sensor, nickel-brass, long body, M18, shielded, 8 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 prewired
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
E2A-M30LS15-M1-B1	E2E-X15B1TL30-M1	Inductive sensor, nickel-brass, long 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.

**OMRON**
**DISTRIBUTOR**

#### Head Office

Unit 3 Rothley Lodge Commercial Park,  
Loughborough Road,  
Rothley,  
Leicester,  
LE7 7NL  
United Kingdom

Email Us: [bpxlsics@bpx.co.uk](mailto:bpxlsics@bpx.co.uk)

Call Us: + 44 (0) 116 2999 100

Fax Us: + 44 (0) 116 2999 201