

## Product Discontinuation Notices

Issue Date  
December 16, 2020

Proximity Sensors

No. OMSQ-ALD201687

**Discontinuation Notice the part of Standard Proximity Sensor E2E DC3w series, Long-barrel Inductive proximity sensor E2E2 DC3w series ,Long-distance Proximity sensor E2EM DC 3wseries .**

### Product Discontinuation

Standard Proximity Sensor

#### Model E2E DC 3w Series

Long-barrel Inductive Proximity Sensor

#### Model E2E2 DC 3w Series

Long-distance Proximity Sensor

#### Model E2EM DC 3w Series



### Recommended Replacement

Standard Proximity Sensor

#### Model E2E-Next DC 3w Series

**Or No recommended replacement**

#### [ Final order entry date ]

The end of January, 2022

#### [ Date of The Last Shipping ]

The end of June, 2022

#### [ Caution on recommended replacement ]

The dimensions of the milling cutter, the length of the screw attachment, and the protection of the cord drawer are slightly different.

#### [ Difference from discontinued product ]

Recommended replacement Model	Body Color	Dimensions	Wire connection	Mounting Dimensions	Characteristics	Operation ratings	Operation methods
E2E DC 3w Series	*	*	*	**	*	*	-
E2E2 DC 3w Series	*	*	*	**	*	*	-
E2EM DC 3w Series	*	*	*	**	*	*	-

\*\* : Compatible

\* : The change is a little/Almost compatible

-- : Not compatible

- : No corresponding specification

#### [ Product Discontinuation and recommended replacement ]

Product discontinuation	Recommended replacement
E2E-X18MF1 10M OMS	No recommended replacement
E2E-X10F1 20M	No recommended replacement
E2EM-X15B1 5M	E2E-X15B1T30 5M
E2E-X5MF2-M1	E2E-X5MB212-M1
E2E-X5MF2 5M	E2E-X5MB212 5M
E2E-X5MF2 2M	E2E-X5MB212 2M
E2E-X5MF1-R 2M	E2E-X5MB1T12-R 2M
E2E-X5MF1-M1J 0.3M	E2E-X5MB1T12-M1TJ 0.3M

<b>Product discontinuation</b>	<b>Recommended replacement</b>
E2E-X5MF1-M1	E2E-X2MB28-M1
E2E-X5MF1 5M	E2E-X5MB1T12 5M
E2E-X5MF1 2M	E2E-X5MB1T12 2M
E2E-X5ME2-R 5M	E2E-X5MC212-R 5M
E2E-X5ME2-R 2M	E2E-X5MC212-R 2M
E2E-X5ME2-M1	E2E-X5MC212-M1
E2E-X5ME25 5M	No recommended replacement
E2E-X5ME25 15M	No recommended replacement
E2E-X5ME2 5M	E2E-X5MC212 5M
E2E-X5ME2 2M	E2E-X5MC212 2M
E2E-X5ME2 15M	No recommended replacement
E2E-X5ME1-R 5M	E2E-X5MC112-R 5M
E2E-X5ME1-R 2M	E2E-X5MC112-R 2M
E2E-X5ME1-M1TJ 0.3M	E2E-X5MC112-M1TJ 0.3M
E2E-X5ME1-M1	E2E-X5MC112-M1
E2E-X5ME15 5M	No recommended replacement
E2E-X5ME1-10 2M	No recommended replacement
E2E-X5ME1 5M	E2E-X5MC112 5M
E2E-X5ME1 2M	E2E-X5MC112 2M
E2E-X5F2-R 5M	E2E-X5B218-R 5M
E2E-X5F2-M1J 0.3M	E2E-X5B218-M1TJ 0.3M
E2E-X5F2-M1	E2E-X5B218-M1
E2E-X5F2 5M	E2E-X5B218 5M
E2E-X5F2 2M	E2E-X5B218 2M
E2E-X5F2 10M	No recommended replacement
E2E-X5F1-R 5M	E2E-X5B1T18-R 5M
E2E-X5F1-R 2M	E2E-X5B1T18-R 2M
E2E-X5F1-M1J 0.3M	E2E-X5B1T18-M1TJ 0.3M
E2E-X5F1-M1	E2E-X5B1T18-M1
E2E-X5F1 5M	E2E-X5B1T18 5M
E2E-X5F1 2M	E2E-X5B1T18 2M
E2E-X5E2-R 5M	E2E-X5C218-R 5M
E2E-X5E2-R 2M	E2E-X5C218-R 2M
E2E-X5E2-M1J 0.3M	E2E-X5C218-M1TJ 0.3M
E2E-X5E2-M1	E2E-X5C218-M1
E2E-X5E25-M1	No recommended replacement
E2E-X5E25 5M	No recommended replacement
E2E-X5E2 5M	E2E-X5C218 5M
E2E-X5E2 30M	No recommended replacement
E2E-X5E2 2M	E2E-X5C218 2M
E2E-X5E1-R 5M	E2E-X5C118-R 5M
E2E-X5E1-R 2M	E2E-X5C118-R 2M
E2E-X5E1-M1TJ 0.3M	E2E-X5C118-M1TJ 0.3M
E2E-X5E1-M1J 0.3M	E2E-X5C118-M1TJ 0.3M
E2E-X5E1-M1	E2E-X5C118-M1
E2E-X5E15-R 2M	No recommended replacement
E2E-X5E15-40 5M	No recommended replacement
E2E-X5E1-40 5M	No recommended replacement
E2E-X5E1-2 2M	No recommended replacement

<b>Product discontinuation</b>	<b>Recommended replacement</b>
E2E-X5E1-2 10M	No recommended replacement
E2E-X5E1-14 2M	No recommended replacement
E2E-X5E1-10 5M	No recommended replacement
E2E-X5E1 5M	E2E-X5C118 5M
E2E-X5E1 2M	E2E-X5C118 2M
E2E-X2MF2-M3	E2E-X2MB28-M3
E2E-X2MF2-M1	E2E-X2MB28-M1
E2E-X2MF2 5M OMS	E2E-X2MB28 5M
E2E-X2MF2 2M	E2E-X2MB28 2M
E2E-X2MF1-R 2M	E2E-X2MB1T8-R 2M
E2E-X2MF1-M3	E2E-X2MB1T8-M3
E2E-X2MF1-M1	E2E-X2MB1T8-M1
E2E-X2MF1 5M	E2E-X2MB1T8 5M
E2E-X2MF1 2M	E2E-X2MB1T8 2M
E2E-X2ME2-M3	E2E-X2MC28-M3
E2E-X2ME2-M1	E2E-X2MC28-M1
E2E-X2ME2 5M	E2E-X2MC28 5M
E2E-X2ME2 2M	E2E-X2MC28 2M
E2E-X2ME1-R 5M	E2E-X2MC18-R 5M
E2E-X2ME1-R 2M	E2E-X2MC18-R 2M
E2E-X2ME1-M3	E2E-X2MC18-M3
E2E-X2ME1-M1	E2E-X2MC18-M1
E2E-X2ME1 5M	E2E-X2MC18 5M
E2E-X2ME1 2M	E2E-X2MC18 2M
E2E-X2F2-R 5M	E2E-X2B212-R 5M
E2E-X2F2-M1J 0.3M	E2E-X2B212-M1TJ 0.3M
E2E-X2F2-M1	E2E-X2B212-M1
E2E-X2F2 5M	E2E-X2B212 5M
E2E-X2F2 2M	E2E-X2B212 2M
E2E-X2F1-R 5M	E2E-X2B1T12-R 5M
E2E-X2F1-R 2M	E2E-X2B1T12-R 2M
E2E-X2F1-M1J 0.3M	E2E-X2B1T12-M1TJ 0.3M
E2E-X2F1-M1	E2E-X2B1T12-M1
E2E-X2F1 5M	E2E-X2B1T12 5M
E2E-X2F1 2M	E2E-X2B1T12 2M
E2E-X2E2-R 2M	E2E-X2C212-R 2M
E2E-X2E2-M1	E2E-X2C212-M1
E2E-X2E25 5M	No recommended replacement
E2E-X2E25 2M	No recommended replacement
E2E-X2E2-1 2M	No recommended replacement
E2E-X2E2 5M	E2E-X2C212 5M
E2E-X2E2 2M	E2E-X2C212 2M
E2E-X2E1-R 5M	E2E-X2C112-R 5M
E2E-X2E1-R 2M	E2E-X2C112-R 2M
E2E-X2E1-M1J 0.3M	E2E-X2C112-M1TJ 0.3M
E2E-X2E1-M1	E2E-X2C112-M1
E2E-X2E15 5M	No recommended replacement
E2E-X2E1-1 5M	No recommended replacement
E2E-X2E1-1 2M	No recommended replacement

<b>Product discontinuation</b>	<b>Recommended replacement</b>
E2E-X2E1-1 10M	No recommended replacement
E2E-X2E1 5M	E2E-X2C112 5M
E2E-X2E1 2M	E2E-X2C112 2M
E2E-X1R5F2-R 5M	E2E-X1R5B28-R 5M
E2E-X1R5F2-M3	E2E-X1R5B28-M3
E2E-X1R5F2-M1J 0.3M	E2E-X1R5B28-M1TJ 0.3M
E2E-X1R5F2-M1	E2E-X1R5B28-M1
E2E-X1R5F2 5M	E2E-X1R5B28 5M
E2E-X1R5F2 2M	E2E-X1R5B28 2M
E2E-X1R5F1-R 5M	E2E-X1R5B1T8-R 5M
E2E-X1R5F1-R 2M	E2E-X1R5B1T8-R 2M
E2E-X1R5F1-M3	E2E-X1R5B1T8-M3
E2E-X1R5F1-M1J 0.3M	E2E-X1R5B1T8-M1TJ 0.3M
E2E-X1R5F1-M1	E2E-X1R5B1T8-M1
E2E-X1R5F1 5M	E2E-X1R5B1T8 5M
E2E-X1R5F1 2M	E2E-X1R5B1T8 2M
E2E-X1R5E2-R 5M	E2E-X1R5C28-R 5M
E2E-X1R5E2-R 2M	E2E-X1R5C28-R 2M
E2E-X1R5E2-M3	E2E-X1R5C28-M3
E2E-X1R5E2-M1	E2E-X1R5C28-M1
E2E-X1R5E2 5M	E2E-X1R5C28 5M
E2E-X1R5E2 2M	E2E-X1R5C28 2M
E2E-X1R5E1-R 5M	E2E-X1R5C18-R 5M
E2E-X1R5E1-R 2M	E2E-X1R5C18-R 2M
E2E-X1R5E1-R 15M	No recommended replacement
E2E-X1R5E1-M3	E2E-X1R5C18-M3
E2E-X1R5E1-M1J 0.3M	E2E-X1R5C18-M1TJ 0.3M
E2E-X1R5E1-M1	E2E-X1R5C18-M1
E2E-X1R5E1-40 5M	No recommended replacement
E2E-X1R5E1-40 2M	No recommended replacement
E2E-X1R5E1 5M	E2E-X1R5C18 5M
E2E-X1R5E1 40M	No recommended replacement
E2E-X1R5E1 2M	E2E-X1R5C18 2M
E2E-X18MF2-M1J 0.3M	E2E-X18MB230-M1TJ 0.3M
E2E-X18MF2-M1	E2E-X18MB230-M1
E2E-X18MF2 5M	E2E-X18MB230 5M
E2E-X18MF2 2M	E2E-X18MB230 2M
E2E-X18MF1-R 2M	E2E-X18MB1T30-R 2M
E2E-X18MF1-M1J 0.3M	E2E-X18MB1T30-M1TJ 0.3M
E2E-X18MF1-M1	E2E-X18MB1T30-M1
E2E-X18MF1 5M	E2E-X18MB1T30 5M
E2E-X18MF1 2M	E2E-X18MB1T30 2M
E2E-X18ME2-M1	E2E-X18MC230-M1
E2E-X18ME25 5M	No recommended replacement
E2E-X18ME25 15M	No recommended replacement
E2E-X18ME2 5M	E2E-X18MC230 5M
E2E-X18ME2 2M	E2E-X18MC230 2M
E2E-X18ME2 15M	No recommended replacement
E2E-X18ME2 10M	No recommended replacement

<b>Product discontinuation</b>	<b>Recommended replacement</b>
E2E-X18ME1-R 5M	E2E-X18MC130-R 5M
E2E-X18ME1-R 2M	E2E-X18MC130-R 2M
E2E-X18ME1-M1TJ 0.3M	E2E-X18MC130-M1TJ 0.3M
E2E-X18ME1-M1J 0.3M	E2E-X18MC130-M1TJ 0.3M
E2E-X18ME1-M1	E2E-X18MC130-M1
E2E-X18ME1 5M	E2E-X18MC130 5M
E2E-X18ME1 40M	No recommended replacement
E2E-X18ME1 2M	E2E-X18MC130 2M
E2E-X10MF2-M1	E2E-X10MB218-M1
E2E-X10MF2 5M	E2E-X10MB218 5M
E2E-X10MF2 2M	E2E-X10MB218 2M
E2E-X10MF1-R 2M	E2E-X10MB1T18-R 2M
E2E-X10MF1-M1J 0.3M	E2E-X10MB1T18-M1TJ 0.3M
E2E-X10MF1-M1	E2E-X10MB1T18-M1
E2E-X10MF1 5M	E2E-X10MB1T18 5M
E2E-X10MF1 2M	E2E-X10MB1T18 2M
E2E-X10ME2-M1	E2E-X10MC218-M1
E2E-X10ME25 5M	No recommended replacement
E2E-X10ME2 5M	E2E-X10MC218 5M
E2E-X10ME2 2M	E2E-X10MC218 2M
E2E-X10ME2 20M	No recommended replacement
E2E-X10ME2 15M	No recommended replacement
E2E-X10ME1-R 5M	E2E-X10MC118-R 5M
E2E-X10ME1-R 2M	E2E-X10MC118-R 2M
E2E-X10ME1-R 10M	No recommended replacement
E2E-X10ME1-N-ECON 0.6M	No recommended replacement
E2E-X10ME1-M1TJ 0.3M	E2E-X10MC118-M1TJ 0.3M
E2E-X10ME1-M1J 0.3M	E2E-X10MC118-M1TJ 0.3M
E2E-X10ME1-M1	E2E-X10MC118-M1
E2E-X10ME15-M1J 0.3M	No recommended replacement
E2E-X10ME15-40 5M	No recommended replacement
E2E-X10ME1-40 5M	No recommended replacement
E2E-X10ME1-40 2M	No recommended replacement
E2E-X10ME1 5M	E2E-X10MC118 5M
E2E-X10ME1 2M	E2E-X10MC118 2M
E2E-X10F2-M1J 0.3M	E2E-X10B230-M1TJ 0.3M
E2E-X10F2-M1	E2E-X10B230-M1
E2E-X10F2 5M	E2E-X10B230 5M
E2E-X10F2 2M	E2E-X10B230 2M
E2E-X10F1-R 5M	E2E-X10B1T30-R 5M
E2E-X10F1-R 2M	E2E-X10B1T30-R 2M
E2E-X10F1-M1J 0.3M	E2E-X10B1T30-M1TJ 0.3M
E2E-X10F1-M1	E2E-X10B1T30-M1
E2E-X10F1-2 2M	No recommended replacement
E2E-X10F1 5M	E2E-X10B1T30 5M
E2E-X10F1 2M	E2E-X10B1T30 2M
E2E-X10F1 10M	No recommended replacement
E2E-X10E2-M1	E2E-X10C230-M1
E2E-X10E25 5M OMS	No recommended replacement

<b>Product discontinuation</b>	<b>Recommended replacement</b>
E2E-X10E25 2M	No recommended replacement
E2E-X10E2 5M	E2E-X10C230 5M
E2E-X10E2 2M	E2E-X10C230 2M
E2E-X10E2 20M	No recommended replacement
E2E-X10E1-R 5M	E2E-X10C130-R 5M
E2E-X10E1-R 2M	E2E-X10C130-R 2M
E2E-X10E1-R 20M	No recommended replacement
E2E-X10E1-M1TJ 0.3M	E2E-X10C130-M1TJ 0.3M
E2E-X10E1-M1J 1M	No recommended replacement
E2E-X10E1-M1J 0.3M	E2E-X10C130-M1TJ 0.3M
E2E-X10E1-M1	E2E-X10C130-M1
E2E-X10E1-9 2M	No recommended replacement
E2E-X10E15-40 5M	No recommended replacement
E2E-X10E1-2 2M	No recommended replacement
E2E-X10E1 5M	E2E-X10C130 5M
E2E-X10E1 45M	No recommended replacement
E2E-X10E1 30M	No recommended replacement
E2E-X10E1 2M	E2E-X10C130 2M
E2E-X10E1 25M	No recommended replacement
E2E-X10E1 15M	No recommended replacement
E2EM-X8C2-M1	E2E-X8C218-M1
E2EM-X8C2 5M	E2E-X8C218 5M
E2EM-X8C2 2M	E2E-X8C218 2M
E2EM-X8C1-M1J 0.3M	E2E-X8C118-M1TJ 0.3M
E2EM-X8C1-M1	E2E-X8C118-M1
E2EM-X8C1 5M	E2E-X8C118 5M
E2EM-X8C1 2M	E2E-X8C118 2M
E2EM-X8B2-M1	E2E-X8B218-M1
E2EM-X8B2 5M	E2E-X8B218 5M
E2EM-X8B2 2M	E2E-X8B218 2M
E2EM-X8B1-M1-1	No recommended replacement
E2EM-X8B1-M1	E2E-X8B1T18-M1
E2EM-X8B1 5M	E2E-X8B1T18 5M
E2EM-X8B1 2M	E2E-X8B1T18 2M
E2EM-X4C2-M1	E2E-X4C212-M1
E2EM-X4C2 5M	E2E-X4C212 5M
E2EM-X4C2 2M	E2E-X4C212 2M
E2EM-X4C1-M1	E2E-X4C112-M1
E2EM-X4C1 5M	E2E-X4C112 5M
E2EM-X4C1 2M	E2E-X4C112 2M
E2EM-X4B2-M1	E2E-X4B212-M1
E2EM-X4B2 5M	E2E-X4B212 5M
E2EM-X4B2 2M	E2E-X4B212 2M
E2EM-X4B1-M1	E2E-X4B1T12-M1
E2EM-X4B1 5M	E2E-X4B1T12 5M
E2EM-X4B1 2M	E2E-X4B1T12 2M
E2EM-X2C2-M1	E2E-X2C28-M1
E2EM-X2C2 5M	E2E-X2C28 5M
E2EM-X2C2 2M	E2E-X2C28 2M

<b>Product discontinuation</b>	<b>Recommended replacement</b>
E2EM-X2C1-M1J 0.3M	E2E-X2C18-M1TJ 0.3M
E2EM-X2C1-M1	E2E-X2C18-M1
E2EM-X2C1 5M	E2E-X2C18 5M
E2EM-X2C1 2M	E2E-X2C18 2M
E2EM-X2B2-M1	E2E-X2B28-M1
E2EM-X2B2 5M	E2E-X2B28 5M
E2EM-X2B2 2M	E2E-X2B28 2M
E2EM-X2B1-M1	E2E-X2B1T8-M1
E2EM-X2B1 5M	E2E-X2B1T8 5M
E2EM-X2B1 2M	E2E-X2B1T8 2M
E2EM-X15C2-M1	E2E-X15C230-M1
E2EM-X15C2 5M	E2E-X15C230 5M
E2EM-X15C2 2M	E2E-X15C230 2M
E2EM-X15C1-M1J 0.3M	E2E-X15C130-M1TJ 0.3M
E2EM-X15C1-M1	E2E-X15C130-M1
E2EM-X15C1-40 2M	No recommended replacement
E2EM-X15C1 5M	E2E-X15C130 5M
E2EM-X15C1 2M	E2E-X15C130 2M
E2EM-X15B2-M1	E2E-X15B230-M1
E2EM-X15B2 5M	E2E-X15B230 5M
E2EM-X15B2 2M	E2E-X15B230 2M
E2EM-X15B1-M1J 0.3M	E2E-X15B1T30-M1TJ 0.3M
E2EM-X15B1-M1	E2E-X15B1T30-M1
E2EM-X15B1 2M	E2E-X15B1T30 2M
E2E2-X5MC2-M1	E2E-X5MC2L12-M1
E2E2-X5MC2 5M	E2E-X5MC2L12 5M
E2E2-X5MC2 2M	E2E-X5MC2L12 2M
E2E2-X5MC1-M1	E2E-X5MC1L12-M1
E2E2-X5MC1 5M	E2E-X5MC1L12 5M
E2E2-X5MC1 2M	E2E-X5MC1L12 2M
E2E2-X5MC1 10M	No recommended replacement
E2E2-X5MB2-M1	E2E-X5MB2L12-M1
E2E2-X5MB2 5M	E2E-X5MB2L12 5M
E2E2-X5MB2 2M	E2E-X5MB2L12 2M
E2E2-X5MB1-M1	E2E-X5MB1TL12-M1
E2E2-X5MB1 5M	E2E-X5MB1TL12 5M
E2E2-X5MB1 2M	E2E-X5MB1TL12 2M
E2E2-X5C2-M1	E2E-X5C2L18-M1
E2E2-X5C2 5M	E2E-X5C2L18 5M
E2E2-X5C2 2M	E2E-X5C2L18 2M
E2E2-X5C1-M1	E2E-X5C1L18-M1
E2E2-X5C1-1 0.25M	No recommended replacement
E2E2-X5C1 5M	E2E-X5C1L18 5M
E2E2-X5C1 2M	E2E-X5C1L18 2M
E2E2-X5C1 15M	No recommended replacement
E2E2-X5B2-M1	E2E-X5B2L18-M1
E2E2-X5B2 5M	E2E-X5B2L18 5M
E2E2-X5B2 2M	E2E-X5B2L18 2M
E2E2-X5B2 10M	No recommended replacement

<b>Product discontinuation</b>	<b>Recommended replacement</b>
E2E2-X5B1-M1	E2E-X5B1TL18-M1
E2E2-X5B1-10 2M	No recommended replacement
E2E2-X5B1 5M	E2E-X5B1TL18 5M
E2E2-X5B1 2M	E2E-X5B1TL18 2M
E2E2-X2C2-M1	E2E-X2C2L12-M1
E2E2-X2C2 5M	E2E-X2C2L12 5M
E2E2-X2C2 2M	E2E-X2C2L12 2M
E2E2-X2C1-M1	E2E-X2C1L12-M1
E2E2-X2C1 5M	E2E-X2C1L12 5M
E2E2-X2C1 3M	No recommended replacement
E2E2-X2C1 2M	E2E-X2C1L12 2M
E2E2-X2C1 10M	No recommended replacement
E2E2-X2B2-M1	E2E-X2B2L12-M1
E2E2-X2B2 5M	E2E-X2B2L12 5M
E2E2-X2B2 2M	E2E-X2B2L12 2M
E2E2-X2B1-M1	E2E-X2B1TL12-M1
E2E2-X2B1 5M	E2E-X2B1TL12 5M
E2E2-X2B1 2M	E2E-X2B1TL12 2M
E2E2-X18MC2-M1	E2E-X18MC2L30-M1
E2E2-X18MC2 5M	E2E-X18MC2L30 5M
E2E2-X18MC2 2M	E2E-X18MC2L30 2M
E2E2-X18MC1-M1	E2E-X18MC1L30-M1
E2E2-X18MC1 5M	E2E-X18MC1L30 5M
E2E2-X18MC1 2M	E2E-X18MC1L30 2M
E2E2-X18MC1 15M	No recommended replacement
E2E2-X18MC1 10M	No recommended replacement
E2E2-X18MB2-M1	E2E-X18MB2L30-M1
E2E2-X18MB2 2M	E2E-X18MB2L30 2M
E2E2-X18MB1-M1	E2E-X18MB1TL30-M1
E2E2-X18MB1 5M	E2E-X18MB1TL30 5M
E2E2-X18MB1 2M	E2E-X18MB1TL30 2M
E2E2-X10MC2-M1	E2E-X10MC2L18-M1
E2E2-X10MC2 5M	E2E-X10MC2L18 5M
E2E2-X10MC2 2M	E2E-X10MC2L18 2M
E2E2-X10MC1-M1	E2E-X10MC1L18-M1
E2E2-X10MC1 5M	E2E-X10MC1L18 5M
E2E2-X10MC1 3M	No recommended replacement
E2E2-X10MC1 2M	E2E-X10MC1L18 2M
E2E2-X10MB2-M1	E2E-X10MB2L18-M1
E2E2-X10MB2 2M	E2E-X10MB2L18 2M
E2E2-X10MB1-M1	E2E-X10MB1TL18-M1
E2E2-X10MB1 5M	E2E-X10MB1TL18 5M
E2E2-X10MB1 2M	E2E-X10MB1TL18 2M
E2E2-X10MB1 10M	No recommended replacement
E2E2-X10C2-M1	E2E-X10C2L30-M1
E2E2-X10C2 5M	E2E-X10C2L30 5M
E2E2-X10C2 2M	E2E-X10C2L30 2M
E2E2-X10C2 10M	No recommended replacement
E2E2-X10C1-M1	E2E-X10C1L30-M1

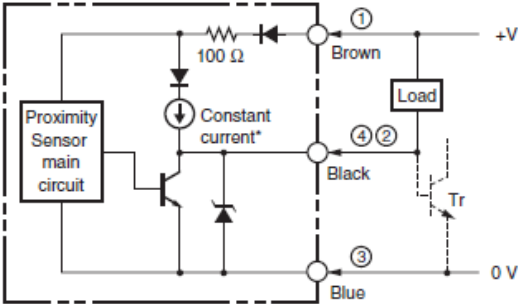
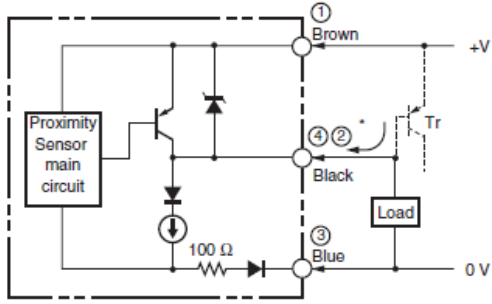
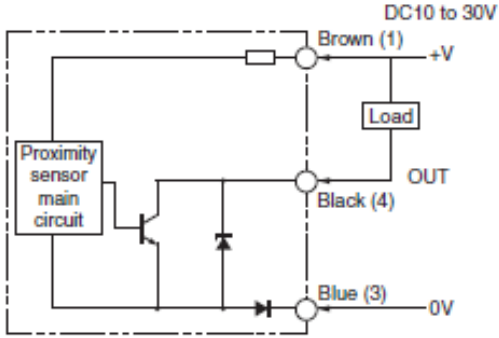
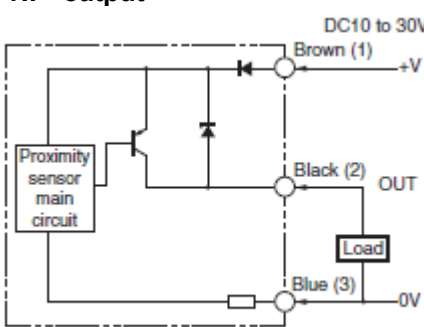


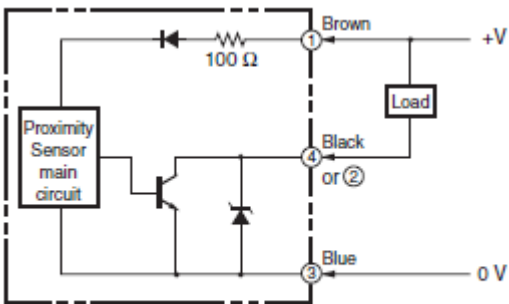
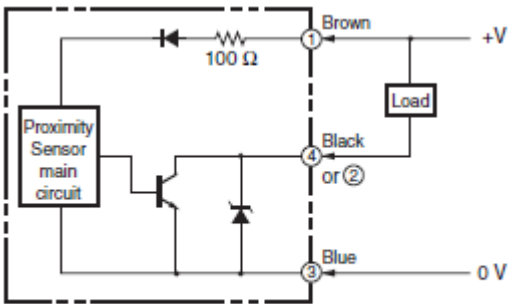
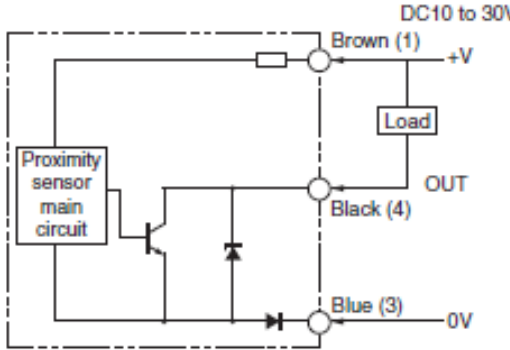
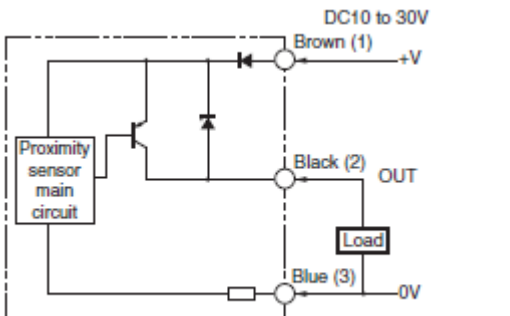
<b>Product discontinuation</b>	<b>Recommended replacement</b>
E2E2-X10C1 5M	E2E-X10C1L30 5M
E2E2-X10C1 2M	E2E-X10C1L30 2M
E2E2-X10C1 10M	No recommended replacement
E2E2-X10B2-M1	E2E-X10B2L30-M1
E2E2-X10B2 2M	E2E-X10B2L30 2M
E2E2-X10B1-M1	E2E-X10B1TL30-M1
E2E2-X10B1 5M	E2E-X10B1TL30 5M
E2E2-X10B1 2M	E2E-X10B1TL30 2M

[ Body color ]



Product discontinuation Model E2E/E2E2/E2EM DC 3w series	Recommendable replacement Model E2E-Next DC 3w series
Detection surface color: Light gray Indicator light: red	Detection surface color: Black or light clay(basic model) Indicator light: orange

[ Wire connection ]

Product discontinuation Model E2E DC 3w series	Recommendable replacement Model E2E-Next DC 3w series
<p><b>DC 3-Wire Models Output circuit I/O Circuit Diagrams</b></p> <p><b>NPN output</b></p>  <p>*Constant current output is 1.5 to 3 mA.</p> <p>Note: For Connector Models, the connection between pins 1, 4 and 3 uses an NO contact, and the connection between pins 1, 2 and 3 uses an NC contact.</p> <p><b>PNP output</b></p>  <p>*When a transistor is connected</p> <p>Note: For Connector Models, the connection between pins 1, 4 and 3 uses an NO contact, and the connection between pins 1, 2 and 3 uses an NC contact.</p>	<p><b>DC 3-Wire Models Output circuit I/O Circuit Diagrams/Timing charts</b></p> <p><b>NPN output</b></p>  <p><b>PNP output</b></p>  <p>Note: M8 (3-pin) Connector: (1)(4)(3)</p> <p>Some PNP types are equipped with an I/O-Link Communication mode.</p>

<p align="center"><b>Product discontinuation</b> Model E2E2/E2EM DC 3w series</p>	<p align="center"><b>Recommendable replacement</b> Model E2E-Next DC 3w series</p>
<p><b>DC 3-Wire Models Output circuit</b> <b>I/O Circuit Diagrams</b> <b>NPN output</b></p>  <p>Note: Use pin 4 for NO. Use pin 2 for NC.</p> <p><b>PNP output</b></p>  <p>Note: Use pin 4 for NO. Use pin 2 for NC.</p>	<p><b>DC 3-Wire Models Output circuit</b> <b>I/O Circuit Diagrams/Timing charts</b> <b>NPN output</b></p>  <p><b>PNP output</b></p>  <p>Note: M8 (3-pin) Connector: (1)(4)(3)</p> <p>Some PNP types are equipped with an I/O-Link Communication mode.</p>

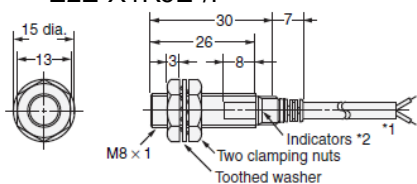
**[ Mounting dimensions ]**

<p align="center"><b>Product discontinuation</b> Model E2E/E2E2/E2EM DC 3w series</p>	<p align="center"><b>Recommendable replacement</b> Model E2E-Next series</p>																				
<p><b>Mounting Hole Dimensions</b></p>  <table border="1" data-bbox="391 1377 710 1601"> <thead> <tr> <th>Dimensions</th> <th>F (mm)</th> </tr> </thead> <tbody> <tr> <td>M8</td> <td>8.5 dia. <math>^{+0.5}_0</math></td> </tr> <tr> <td>M12</td> <td>12.5 dia. <math>^{+0.5}_0</math></td> </tr> <tr> <td>M18</td> <td>18.5 dia. <math>^{+0.5}_0</math></td> </tr> <tr> <td>M30</td> <td>30.5 dia. <math>^{+0.5}_0</math></td> </tr> </tbody> </table>	Dimensions	F (mm)	M8	8.5 dia. $^{+0.5}_0$	M12	12.5 dia. $^{+0.5}_0$	M18	18.5 dia. $^{+0.5}_0$	M30	30.5 dia. $^{+0.5}_0$	<p><b>Mounting Hole Dimensions</b></p>  <table border="1" data-bbox="1085 1377 1404 1601"> <thead> <tr> <th>Dimensions</th> <th>F (mm)</th> </tr> </thead> <tbody> <tr> <td>M8</td> <td>8.5 dia. <math>^{+0.5}_0</math></td> </tr> <tr> <td>M12</td> <td>12.5 dia. <math>^{+0.5}_0</math></td> </tr> <tr> <td>M18</td> <td>18.5 dia. <math>^{+0.5}_0</math></td> </tr> <tr> <td>M30</td> <td>30.5 dia. <math>^{+0.5}_0</math></td> </tr> </tbody> </table>	Dimensions	F (mm)	M8	8.5 dia. $^{+0.5}_0$	M12	12.5 dia. $^{+0.5}_0$	M18	18.5 dia. $^{+0.5}_0$	M30	30.5 dia. $^{+0.5}_0$
Dimensions	F (mm)																				
M8	8.5 dia. $^{+0.5}_0$																				
M12	12.5 dia. $^{+0.5}_0$																				
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M18	18.5 dia. $^{+0.5}_0$																				
M30	30.5 dia. $^{+0.5}_0$																				

[ Dimensions ]

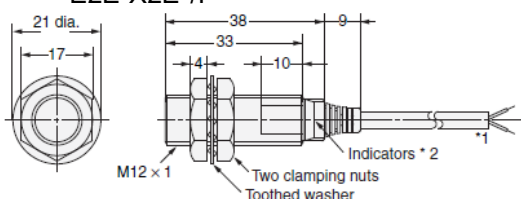
**Product discontinuation**  
**Model E2E/E2E2/E2EM DC 3w series**

**M8 Pre-wired type (Shielded)**  
**E2E-X1R5E\*/F\***



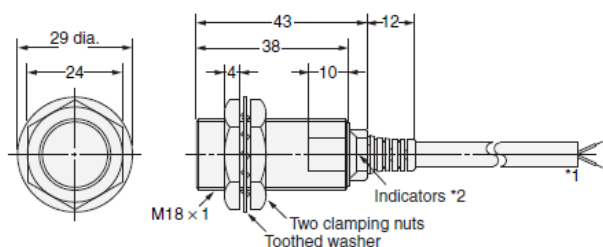
\*1. 4-dia. vinyl-insulated round cable with 2 conductors (Conductor cross section: 0.3 mm<sup>2</sup>, Insulator diameter: 1.3 mm), Standard length: 2 m  
 4-dia. vinyl-insulated round cable with 3 conductors (Conductor cross section: 0.3 mm<sup>2</sup>, Insulator diameter: 1.3 mm), Standard length: 2 m  
**Robotics Cable Models:**  
 4-dia. vinyl-insulated round cable with 2 conductors (Conductor cross section: 0.3 mm<sup>2</sup>, Insulator diameter: 1.27 mm), Standard length: 2 m  
 4-dia. vinyl-insulated round cable with 3 conductors (Conductor cross section: 0.3 mm<sup>2</sup>, Insulator diameter: 1.27 mm), Standard length: 2 m  
**Models with Highly Oil-resistant Cables:**  
 4-dia. polyurethane-insulated round cable with 2 conductors (Conductor cross section: 0.3 mm<sup>2</sup>, Insulator diameter: 1.3 mm), Standard length: 2 m  
 The cable can be extended up to 200 m (separate metal conduit).  
 \*2. D1 Models: Operation indicator (red) and setting indicator (green), D2/E/F Models: Operation indicator (red)

**M12 Pre-wired type (Shielded)**  
**E2E-X2E\*/F\***



\*1. 4-dia. vinyl-insulated round cable with 2 conductors (Conductor cross section: 0.3 mm<sup>2</sup>, Insulator diameter: 1.3 mm), Standard length: 2 m  
 4-dia. vinyl-insulated round cable with 3 conductors (Conductor cross section: 0.3 mm<sup>2</sup>, Insulator diameter: 1.3 mm), Standard length: 2 m  
**Robotics Cable Models:**  
 4-dia. vinyl-insulated round cable with 2 conductors (Conductor cross section: 0.3 mm<sup>2</sup>, Insulator diameter: 1.27 mm), Standard length: 2 m  
 4-dia. vinyl-insulated round cable with 3 conductors (Conductor cross section: 0.3 mm<sup>2</sup>, Insulator diameter: 1.27 mm), Standard length: 2 m  
**Models with Highly Oil-resistant Cables:**  
 4-dia. polyurethane-insulated round cable with 2 conductors (Conductor cross section: 0.3 mm<sup>2</sup>, Insulator diameter: 1.3 mm), Standard length: 2 m  
 The cable can be extended (separate metal conduit) up to 200 m for the control output and up to 100 m for the diagnostic output.  
 \*2. D1 Models: Operation indicator (red) and setting indicator (green), D2/E/F Models: Operation indicator (red)

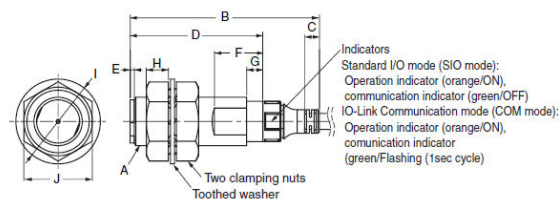
**M18 Pre-wired type (Shielded)**  
**E2E-X5E\*/F\***



\*1. 6-dia. vinyl-insulated round cable with 2 conductors (Conductor cross section: 0.5 mm<sup>2</sup>, Insulator diameter: 1.9 mm), Standard length: 2 m  
 6-dia. vinyl-insulated round cable with 3 conductors (Conductor cross section: 0.5 mm<sup>2</sup>, Insulator diameter: 1.9 mm), Standard length: 2 m  
**Robotics Cable Models:**  
 6-dia. vinyl-insulated round cable with 2 conductors (Conductor cross section: 0.5 mm<sup>2</sup>, Insulator diameter: 1.74 mm), Standard length: 2 m  
 6-dia. vinyl-insulated round cable with 3 conductors (Conductor cross section: 0.5 mm<sup>2</sup>, Insulator diameter: 1.74 mm), Standard length: 2 m  
**Models with Highly Oil-resistant Cables:**  
 6-dia. polyurethane-insulated round cable with 2 conductors (Conductor cross section: 0.5 mm<sup>2</sup>, Insulator diameter: 1.9 mm), Standard length: 2 m  
 The cable can be extended (separate metal conduit) up to 200 m for the control output and up to 100 m for the diagnostic output.  
 \*2. D1/T Models: Operation indicator (red), Setting indicator (green)  
 D2/E/F/Y Models: Operation indicator (red)

**Recommendable replacement**  
**Model E2E-Next series**

**Pre-wired Models of E2E-Next series**  
**(dimension table).**



**Pre-wired Models**  
(Operation mode: NO, NC Type)

Vinyl-insulated round cable with 3 conductors  
 M8, M12 size: 4-dia.  
 M18, M30 size: 6-dia.  
 (Conductor cross section: 0.2 mm<sup>2</sup> (AWG24), Insulator diameter: 1.05 mm), Standard length: 2 m  
 (Operation mode: NO+NC Type)

**Pre-wired Connector Models (M1TJ)**  
(Operation mode: NO, NC Type)

Vinyl-insulated round cable with 3 conductors  
 M8, M12 size: 4-dia.  
 M18, M30 size: 6-dia.  
 (Conductor cross section: 0.2 mm<sup>2</sup> (AWG24), Insulator diameter: 1.05 mm), Standard length: 0.3 m

(Operation mode: NO+NC Type)

Vinyl-insulated round cable with 4 conductors  
 M12 size: 4.3-dia.  
 M18, M30 size: 6-dia.  
 (Conductor cross section: 0.2 mm<sup>2</sup> (AWG24), Insulator diameter: 1.05 mm), Standard length: 0.3 m

**Shielded**

Model	A	B	C	D	E	F	G*	H	I	J
E2E(Q)-X□8	M8XP1	37.8	4.4	26	1	10	4	4	15	13
E2E(Q)-X□12	M12XP1	47.1	3.7	33	1	12	4	5.5	21	17
E2E(Q)-X□18	M18XP1	55.3	8.5	38	1	12	4	6	29	24
E2E(Q)-X□30	M30XP1.5	60.3	8.3	43	1	12	4	7	42	36
E2E-X□L8	M8XP1	47.8	4.4	36	1	10	---	4	15	13
E2E-X□L12	M12XP1	69.1	3.7	55	1	12	---	5.5	21	17
E2E-X□L18	M18XP1	77.3	8.5	60	1	12	---	6	29	24
E2E-X□L30	M30XP1.5	82.3	8.3	65	1	12	---	7	42	36

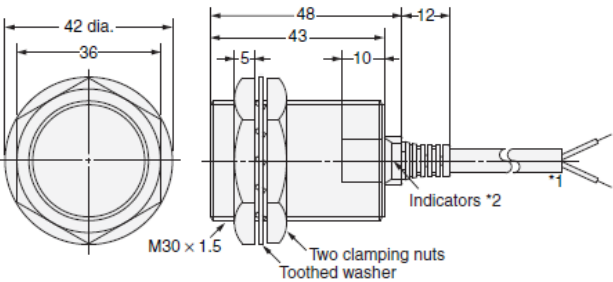
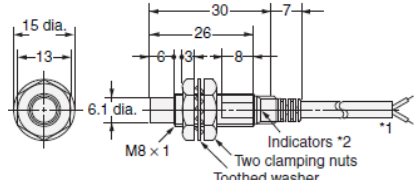
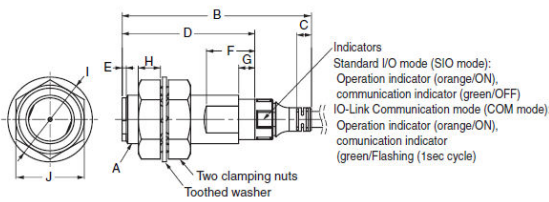
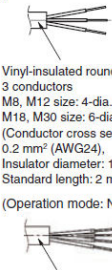
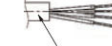
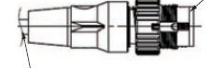
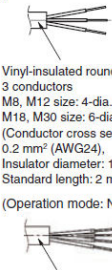
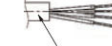
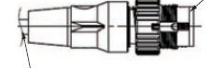
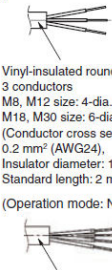
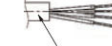
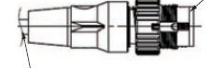
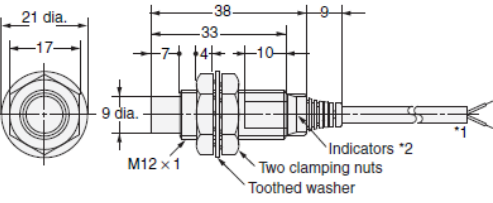
**Unshielded**

Model	A	B	C	D	E	F	G*	H	I	J
E2E-X□MD8	M8XP1	37.8	4.4	26	6	8	---	3	15	13
E2E-X□MD12	M12XP1	47.1	3.7	33	7	10	---	4	21	17
E2E-X□MDL8	M8XP1	47.8	4.4	36	6	8	---	3	15	13
E2E-X□MDL12	M12XP1	69.1	3.7	55	7	10	---	4	21	17
E2E-X□MDL18	M18XP1	77.3	8.5	60	13	12	---	4	29	24
E2E-S□S12□	M30XP1.5	82.3	8.3	65	15	10	---	5	42	36
E2E-S□S12□	M30X1.5	97.3	8.3	80	15	12	---	5	42	36

Note1: E2E-Next series has one toothed washer.

Note2: E2E(Q) means E2EQ series and E2EQ series is for welding process type and has the threaded body and sensing head covered with the fluorine resin for spatter resistance.

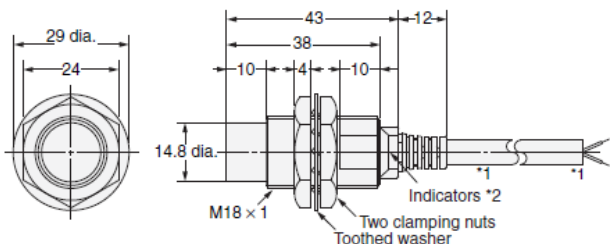
Note3: Fixing Nut set is as same as E2E series.

<p align="center"><b>Product discontinuation</b> <b>Model E2E/E2E2/E2EM DC 3w series</b></p>	<p align="center"><b>Recommendable replacement</b> <b>Model E2E-Next series</b></p>		
<p><b>M30 Pre-wired type (Shielded)</b> <b>E2E-X10E*/F*</b></p>  <p>*1. 6-dia. vinyl-insulated round cable with 2 conductors (Conductor cross section: 0.5 mm<sup>2</sup>, Insulator diameter: 1.9 mm), Standard length: 2 m 6-dia. vinyl-insulated round cable with 3 conductors (Conductor cross section: 0.5 mm<sup>2</sup>, Insulator diameter: 1.9 mm), Standard length: 2 m Robotics Cable Models: 6-dia. vinyl-insulated round cable with 2 conductors (Conductor cross section: 0.5 mm<sup>2</sup>, Insulator diameter: 1.74 mm), Standard length: 2 m 6-dia. vinyl-insulated round cable with 3 conductors (Conductor cross section: 0.5 mm<sup>2</sup>, Insulator diameter: 1.74 mm), Standard length: 2 m Models with Highly Oil-resistant: 6-dia. polyurethane-insulated round cable with 2 conductors (Conductor cross section: 0.5 mm<sup>2</sup>, Insulator diameter: 1.9 mm), Standard length: 2 m The cable can be extended (separate metal conduit) up to 200 m for the control output and up to 100 m for the diagnostic output.</p> <p>*2. D1/T Models: Operation indicator (red), Setting indicator (green) D2/E/F/Y Models: Operation indicator (red)</p>			
<p><b>M8 Pre-wired type (Non-shielded)</b> <b>E2E-X2ME*/F*</b></p>  <p>*1. 4-dia. vinyl-insulated round cable with 2 conductors (Conductor cross section: 0.3 mm<sup>2</sup>, Insulator diameter: 1.3 mm), Standard length: 2 m 4-dia. vinyl-insulated round cable with 3 conductors (Conductor cross section: 0.3 mm<sup>2</sup>, Insulator diameter: 1.3 mm), Standard length: 2 m Robotics Cable Models: 4-dia. vinyl-insulated round cable with 2 conductors (Conductor cross section: 0.3 mm<sup>2</sup>, Insulator diameter: 1.27 mm), Standard length: 2 m 4-dia. vinyl-insulated round cable with 3 conductors (Conductor cross section: 0.3 mm<sup>2</sup>, Insulator diameter: 1.27 mm), Standard length: 2 m The cable can be extended up to 200 m (separate metal conduit).</p> <p>*2. D1 Models: Operation indicator (red) and setting indicator (green), D2/E/F Models: Operation indicator (red)</p>	<p><b>Pre-wired Models of E2E-Next series (dimension table).</b></p>  <p>Indicators Standard I/O mode (SIO mode): Operation indicator (orange/ON), communication indicator (green/OFF) IO-Link Communication mode (COM mode): Operation indicator (orange/ON), communication indicator (green/Flashing (1sec cycle))</p> <table border="0"> <tr> <td data-bbox="853 1160 1061 1601"> <p><b>Pre-wired Models</b> (Operation mode: NO, NC Type)</p>  <p>Vinyl-insulated round cable with 3 conductors M8, M12 size: 4-dia. M18, M30 size: 6-dia. (Conductor cross section: 0.2 mm<sup>2</sup> (AWG24), Insulator diameter: 1.05 mm), Standard length: 2 m (Operation mode: NO+NC Type)</p>  <p>Vinyl-insulated round cable with 4 conductors M12 size: 4.3-dia. M18, M30 size: 6-dia. (Conductor cross section: 0.2 mm<sup>2</sup> (AWG24), Insulator diameter: 1.05 mm), Standard length: 2 m</p> </td> <td data-bbox="1069 1160 1412 1601"> <p><b>Pre-wired Connector Models (M12J)</b> M12xP1</p>  <p>(Operation mode: NO, NC Type) Vinyl-insulated round cable with 3 conductors M8, M12 size: 4-dia. M18, M30 size: 6-dia. (Conductor cross section: 0.2 mm<sup>2</sup> (AWG24), Insulator diameter: 1.05 mm), Standard length: 0.3 m (Operation mode: NO+NC Type) Vinyl-insulated round cable with 4 conductors M12 size: 4.3-dia. M18, M30 size: 6-dia. (Conductor cross section: 0.2 mm<sup>2</sup> (AWG24), Insulator diameter: 1.05 mm), Standard length: 0.3 m</p> </td> </tr> </table>	<p><b>Pre-wired Models</b> (Operation mode: NO, NC Type)</p>  <p>Vinyl-insulated round cable with 3 conductors M8, M12 size: 4-dia. M18, M30 size: 6-dia. (Conductor cross section: 0.2 mm<sup>2</sup> (AWG24), Insulator diameter: 1.05 mm), Standard length: 2 m (Operation mode: NO+NC Type)</p>  <p>Vinyl-insulated round cable with 4 conductors M12 size: 4.3-dia. M18, M30 size: 6-dia. (Conductor cross section: 0.2 mm<sup>2</sup> (AWG24), Insulator diameter: 1.05 mm), Standard length: 2 m</p>	<p><b>Pre-wired Connector Models (M12J)</b> M12xP1</p>  <p>(Operation mode: NO, NC Type) Vinyl-insulated round cable with 3 conductors M8, M12 size: 4-dia. M18, M30 size: 6-dia. (Conductor cross section: 0.2 mm<sup>2</sup> (AWG24), Insulator diameter: 1.05 mm), Standard length: 0.3 m (Operation mode: NO+NC Type) Vinyl-insulated round cable with 4 conductors M12 size: 4.3-dia. M18, M30 size: 6-dia. (Conductor cross section: 0.2 mm<sup>2</sup> (AWG24), Insulator diameter: 1.05 mm), Standard length: 0.3 m</p>
<p><b>Pre-wired Models</b> (Operation mode: NO, NC Type)</p>  <p>Vinyl-insulated round cable with 3 conductors M8, M12 size: 4-dia. M18, M30 size: 6-dia. (Conductor cross section: 0.2 mm<sup>2</sup> (AWG24), Insulator diameter: 1.05 mm), Standard length: 2 m (Operation mode: NO+NC Type)</p>  <p>Vinyl-insulated round cable with 4 conductors M12 size: 4.3-dia. M18, M30 size: 6-dia. (Conductor cross section: 0.2 mm<sup>2</sup> (AWG24), Insulator diameter: 1.05 mm), Standard length: 2 m</p>	<p><b>Pre-wired Connector Models (M12J)</b> M12xP1</p>  <p>(Operation mode: NO, NC Type) Vinyl-insulated round cable with 3 conductors M8, M12 size: 4-dia. M18, M30 size: 6-dia. (Conductor cross section: 0.2 mm<sup>2</sup> (AWG24), Insulator diameter: 1.05 mm), Standard length: 0.3 m (Operation mode: NO+NC Type) Vinyl-insulated round cable with 4 conductors M12 size: 4.3-dia. M18, M30 size: 6-dia. (Conductor cross section: 0.2 mm<sup>2</sup> (AWG24), Insulator diameter: 1.05 mm), Standard length: 0.3 m</p>		
<p><b>M12 Pre-wired type (Non-shielded)</b> <b>E2E-X5ME*/F*</b></p>  <p>*1. 4-dia. vinyl-insulated round cable with 2 conductors (Conductor cross section: 0.3 mm<sup>2</sup>, Insulator diameter: 1.3 mm), Standard length: 2 m 4-dia. vinyl-insulated round cable with 3 conductors (Conductor cross section: 0.3 mm<sup>2</sup>, Insulator diameter: 1.3 mm), Standard length: 2 m Robotics Cable Models: 4-dia. vinyl-insulated round cable with 2 conductors (Conductor cross section: 0.3 mm<sup>2</sup>, Insulator diameter: 1.27 mm), Standard length: 2 m 4-dia. vinyl-insulated round cable with 3 conductors (Conductor cross section: 0.3 mm<sup>2</sup>, Insulator diameter: 1.27 mm), Standard length: 2 m The cable can be extended (separate metal conduit) up to 200 m for the control output and up to 100 m for the diagnostic output.</p> <p>*2. D1 Models: Operation indicator (red) and setting indicator (green), D2/E/F Models: Operation indicator (red)</p>			



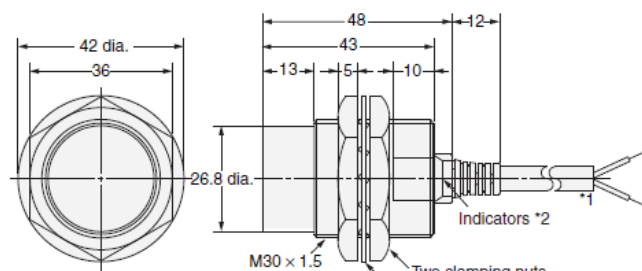
**Product discontinuation  
Model E2E/E2E2/E2EM DC 3w series**

**M18 Pre-wired type (Non-shielded)  
E2E-X10ME\*/F\***



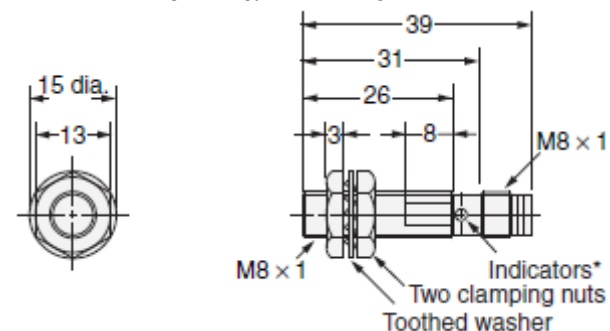
\*1. 6-dia. vinyl-insulated round cable with 2 conductors (Conductor cross section: 0.5 mm<sup>2</sup>, Insulator diameter: 1.9 mm), Standard length: 2 m  
 6-dia. vinyl-insulated round cable with 3 conductors (Conductor cross section: 0.5 mm<sup>2</sup>, Insulator diameter: 1.9 mm), Standard length: 2 m  
 Robotics Cable Models:  
 6-dia. vinyl-insulated round cable with 2 conductors (Conductor cross section: 0.5 mm<sup>2</sup>, Insulator diameter: 1.74 mm), Standard length: 2 m  
 6-dia. vinyl-insulated round cable with 3 conductors (Conductor cross section: 0.5 mm<sup>2</sup>, Insulator diameter: 1.74 mm), Standard length: 2 m  
 The cable can be extended (separate metal conduit) up to 200 m for the control output and up to 100 m for the diagnostic output.  
 \*2. D1/T Models: Operation indicator (red), Setting indicator (green)  
 D2/E/F/Y Models: Operation indicator (red)

**M30 Pre-wired type (Non-shielded)  
E2E-X18ME\*/F\***



\*1. 6-dia. vinyl-insulated round cable with 2 conductors (Conductor cross section: 0.5 mm<sup>2</sup>, Insulator diameter: 1.9 mm), Standard length: 2 m  
 6-dia. vinyl-insulated round cable with 3 conductors (Conductor cross section: 0.5 mm<sup>2</sup>, Insulator diameter: 1.9 mm), Standard length: 2 m  
 Robotics Cable Models:  
 6-dia. vinyl-insulated round cable with 2 conductors (Conductor cross section: 0.5 mm<sup>2</sup>, Insulator diameter: 1.74 mm), Standard length: 2 m  
 6-dia. vinyl-insulated round cable with 3 conductors (Conductor cross section: 0.5 mm<sup>2</sup>, Insulator diameter: 1.74 mm), Standard length: 2 m  
 The cable can be extended (separate metal conduit) up to 200 m for the control output and up to 100 m for the diagnostic output.  
 \*2. D1/T Models: Operation indicator (red), Setting indicator (green)  
 D2/E/F/Y Models: Operation indicator (red)

**M8 connector type with M8 size connector (Shielded)  
E2E-X1R5E\*-M3/X1RF\*-M3**



\* D Models: Operation indicator (red), Setting indicator (green)  
 D2/E/F Models: Operation indicator (red)

**Recommendable replacement  
Model E2E-Next series**

**Shielded**

Model	A	B	C	D	E	F	G*	H	I	J
E2E(Q)-X□8	M8XP1	37.8	4.4	26	1	10	4	4	15	13
E2E(Q)-X□12	M12XP1	47.1	3.7	33	1	12	4	5.5	21	17
E2E(Q)-X□18	M18XP1	55.3	8.5	38	1	12	4	6	29	24
E2E(Q)-X□30	M30XP1.5	60.3	8.3	43	1	12	4	7	42	36
E2E-X□L8	M8XP1	47.8	4.4	36	1	10	---	4	15	13
E2E-X□L12	M12XP1	69.1	3.7	55	1	12	---	5.5	21	17
E2E-X□L18	M18XP1	77.3	8.5	60	1	12	---	6	29	24
E2E-X□L30	M30XP1.5	82.3	8.3	65	1	12	---	7	42	36

**Unshielded**

Model	A	B	C	D	E	F	G*	H	I	J
E2E-X□M□8	M8XP1	37.8	4.4	26	6	8	---	3	15	13
E2E-X□M□12	M12XP1	47.1	3.7	33	7	10	---	4	21	17
E2E-X□M□L8	M8XP1	47.8	4.4	36	6	8	---	3	15	13
E2E-X□M□L12	M12XP1	69.1	3.7	55	7	10	---	4	21	17
E2E-X□M□L18	M18XP1	77.3	8.5	60	13	12	---	4	29	24
E2E-S05S12□	M30XP1.5	82.3	8.3	65	15	10	---	5	42	36
E2E-S05S12□	M30X1.5	97.3	8.3	80	15	12	---	5	42	36

Note1: E2E-Next series has one toothed washer.

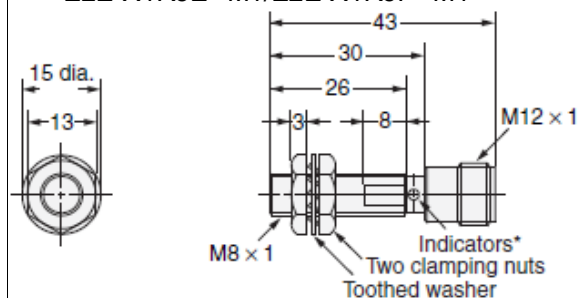
Note2: E2E(Q) means E2EQ series and E2EQ series is for welding process type and has the threaded body and sensing head covered with the fluorine resin for spatter resistance.

Note3: Fixing Nut set is as same as E2E series.

The dimension table of connector models for E2E-Next series is on the next page

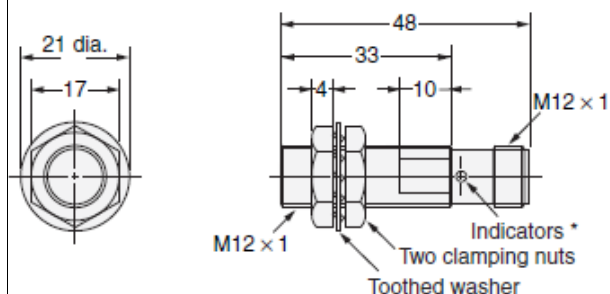
**Product discontinuation**  
**Model E2E/E2E2/E2EM DC 3w series**

M8 connector type with M12 size connector (Shielded)  
E2E-X1R5E\*-M1/E2E-X1R5F\*-M1



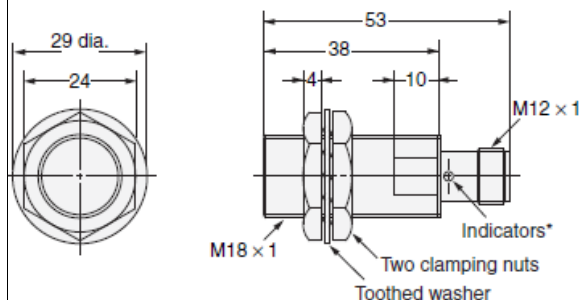
\* D1 Models: Operation indicator (red),  
Setting indicator (green)  
D2/E/F Models: Operation indicator (red)

M12 connector type with M12 size connector (Shielded)  
E2E-X2E\*-M1/E2E-X2F\*-M1



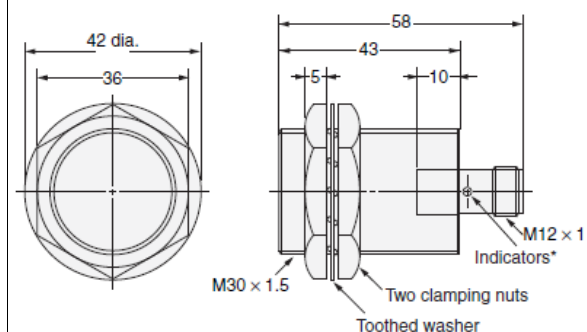
\* D1 Models: Operation indicator (red),  
Setting indicator (green)  
D2/E/F Models: Operation indicator (red)

M18 connector type with M12 size connector (Shielded)  
E2E-X5E\*-M1/E2E-X5F\*-M1



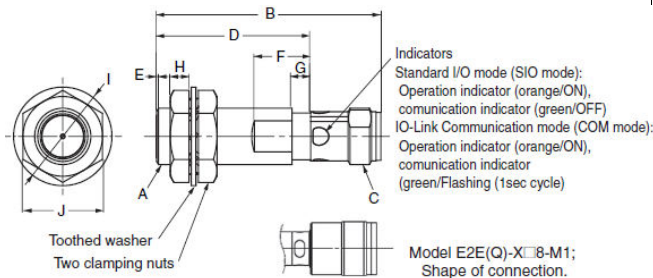
\* D1 Models: Operation indicator (red), Setting indicator (green)  
D2/E/Y Models: Operation indicator (red)

M30 connector type with M12 size connector (Shielded)  
E2E-X10E\*-M1/E2E-X10F\*-M1



\* D1 Models: Operation indicator (red), Setting indicator (green)  
D2/E/Y Models: Operation indicator (red)

**Recommendable replacement**  
**Model E2E-Next series**



**Shielded**

Model	A	B	C	D	E	F <sup>*1</sup>	G <sup>*2</sup>	H	I	J
E2E(Q)-X□30 X□8-M3/M5	M8XP1	39	M8XP1	26	---	10 (8)	4	3	15	13
E2E(Q)-X□8-M1	M8XP1	43	M12XP1	26	---	10 (8)	4	3	15	13
E2E(Q)-X□12-M1	M12XP1	48	M12XP1	33	---	12 (10)	4	4	21	17
E2E(Q)-X□18-M1	M18XP1	53	M12XP1	38	---	12 (10)	4	4	29	24
E2E(Q)-X□30-M1	M30XP1.5	58	M12XP1	43	---	12 (10)	4	5	42	36
E2E-X□L8-M3/M5	M8XP1	49	M8XP1	36	---	8	---	3	15	13
E2E-X□L8-M1	M8XP1	53	M12XP1	36	---	8	---	3	15	13
E2E-X□L12-M1	M12XP1	70	M12XP1	55	---	10	---	4	21	17
E2E-X□L18-M1	M18XP1	75	M12XP1	60	---	10	---	4	29	24
E2E-X□L30-M1	M30XP1.5	80	M12XP1	65	---	10	---	5	42	36

**Unshielded**

Model	A	B	C	D	E <sup>*3</sup>	F	G <sup>*2</sup>	H	I	J
E2E-X□M□8-M3/M5	M8XP1	39	M8XP1	26	6	8	---	3	15	13
E2E-X□M□8-M1	M8XP1	43	M12XP1	26	6	8	---	3	15	13
E2E-X□M□12-M1	M12XP1	48	M12XP1	26	7	10	---	4	21	17
E2E-X□M□18-M1	M18XP1	53	M12XP1	38	10	10	---	4	29	24
E2E-X□M□30-M1	M30XP1.5	58	M12XP1	43	13	10	---	5	42	36
E2E-X□M□L8-M3-M5	M8XP1	49	M8XP1	36	6	8	---	3	15	13
E2E-X□M□L8-M1	M8XP1	53	M12XP1	36	6	8	---	3	15	13
E2E-X□M□L12-M1	M12XP1	70	M12XP1	55	7	10	---	4	21	17
E2EX□M□L18-M1	M18XP1	75	M12XP1	60	10	10	---	4	29	24
E2E-X□M□L30-M1	M30XP1.5	80	M12XP1	65	13 <sup>(15)</sup>	10	---	5	42	36

Note.1: E2E-Next series has one toothed washer.

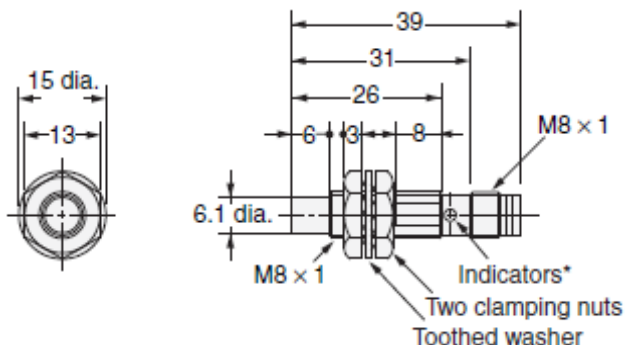
Note.2: E2E(Q) means E2EQ series and E2EQ series is for welding process type and has the threaded body and sensing head covered with the fluorine resin for spatter resistance.

Note.3: Fixing Nut set is as same as E2E series.

**Product discontinuation**  
**Model E2E/E2E2/E2EM DC 3w series**

M8 connector type with M8 size connector  
(Non-shielded)

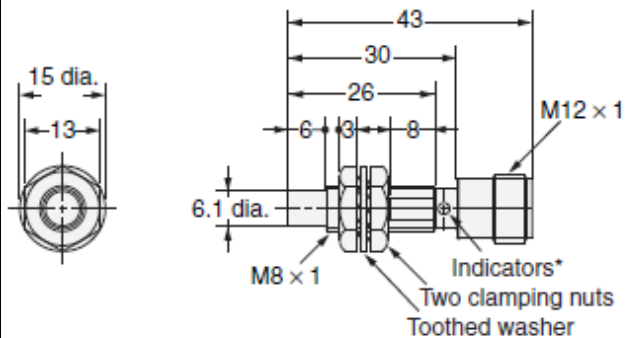
E2E-X2ME\*-M3/E2E-X2MF\*-M3



\* D Models: Operation indicator (red),  
Setting indicator (green)  
D2/E/F Models: Operation indicator (red)

M8 connector type with M12 size connector  
(Non-shielded)

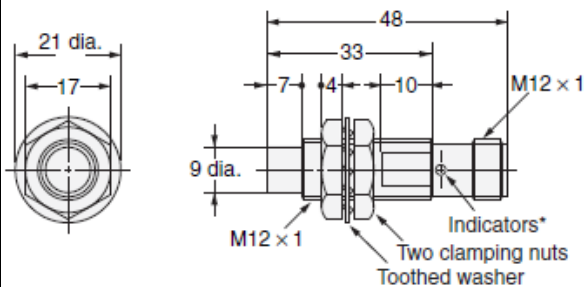
E2E-X2ME\*-M1/E2E-X2MF\*-M1



\* D1 Models: Operation indicator (red),  
Setting indicator (green)  
D2/E/F Models: Operation indicator (red)

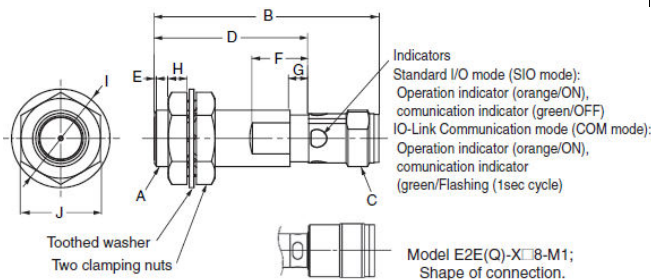
M12 connector type with M12 size connector  
(Non-shielded)

E2E-X5ME\*-M1/E2E-X5MF\*-M1



\* D1 Models: Operation indicator (red), Setting indicator (green)  
D2/E/F Models: Operation indicator (red)

**Recommendable replacement**  
**Model E2E-Next series**



**Shielded**

Model	A	B	C	D	E	F <sup>*1</sup>	G <sup>*2</sup>	H	I	J
E2E(Q)-X□30 X□8-M3/M5	M8XP1	39	M8XP1	26	---	10 (8)	4	3	15	13
E2E(Q)-X□8-M1	M8XP1	43	M12XP1	26	---	10 (8)	4	3	15	13
E2E(Q)-X□12-M1	M12XP1	48	M12XP1	33	---	12 (10)	4	4	21	17
E2E(Q)-X□18-M1	M18XP1	53	M12XP1	38	---	12 (10)	4	4	29	24
E2E(Q)-X□30-M1	M30XP1.5	58	M12XP1	43	---	12 (10)	4	5	42	36
E2E-X□L8-M3/M5	M8XP1	49	M8XP1	36	---	8	---	3	15	13
E2E-X□L8-M1	M8XP1	53	M12XP1	36	---	8	---	3	15	13
E2E-X□L12-M1	M12XP1	70	M12XP1	55	---	10	---	4	21	17
E2E-X□L18-M1	M18XP1	75	M12XP1	60	---	10	---	4	29	24
E2E-X□L30-M1	M30XP1.5	80	M12XP1	65	---	10	---	5	42	36

**Unshielded**

Model	A	B	C	D	E <sup>*3</sup>	F	G <sup>*2</sup>	H	I	J
E2E-X□M□8-M3/M5	M8XP1	39	M8XP1	26	6	8	---	3	15	13
E2E-X□M□8-M1	M8XP1	43	M12XP1	26	6	8	---	3	15	13
E2E-X□M□12-M1	M12XP1	48	M12XP1	26	7	10	---	4	21	17
E2E-X□M□18-M1	M18XP1	53	M12XP1	38	10	10	---	4	29	24
E2E-X□M□30-M1	M30XP1.5	58	M12XP1	43	13	10	---	5	42	36
E2E-X□M□L8-M3-M5	M8XP1	49	M8XP1	36	6	8	---	3	15	13
E2E-X□M□L8-M1	M8XP1	53	M12XP1	36	6	8	---	3	15	13
E2E-X□M□L12-M1	M12XP1	70	M12XP1	55	7	10	---	4	21	17
E2EX□M□L18-M1	M18XP1	75	M12XP1	60	10	10	---	4	29	24
E2E-X□M□L30-M1	M30XP1.5	80	M12XP1	65	13 <sup>(15)</sup>	10	---	5	42	36

Note.1: E2E-Next series has one toothed washer.

Note.2: E2E(Q) means E2EQ series and E2EQ series is for welding process type and has the threaded body and sensing head covered with the fluorine resin for spatter resistance.

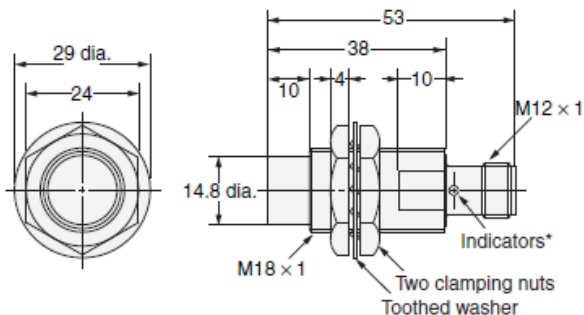
Note.3:  
Fixing Nut set is as same as E2E series.



**Product discontinuation**  
**Model E2E/E2E2/E2EM DC 3w series**

M18 connector type with M12 size connector  
(Non-shielded)

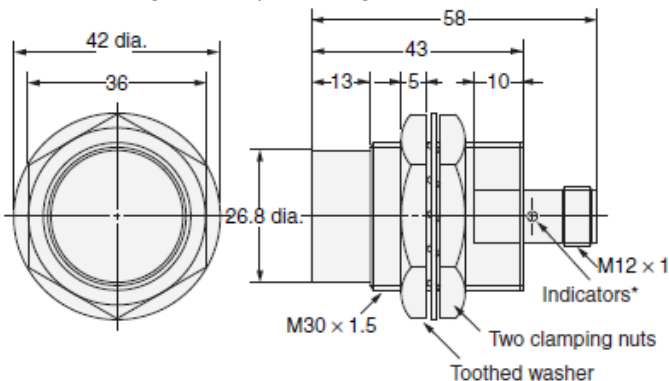
E2E-X10ME\*-M1/E2E-X10MF\*-M1



\* D1 Models: Operation indicator (red), Setting indicator (green)  
D2/E/Y Models: Operation indicator (red)

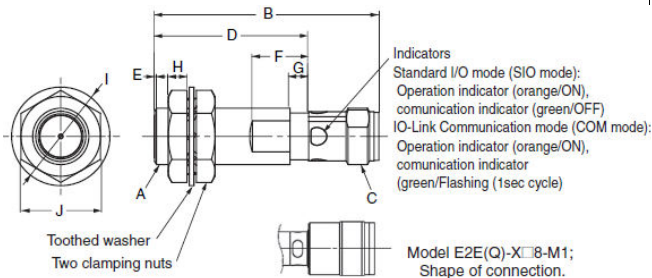
M30 connector type with M12 size connector  
(Non-shielded)

E2E-X18ME\*-M1/E2E-X18MF\*-M1



\* D1 Models: Operation indicator (red), Setting indicator (green)  
D2/E/Y Models: Operation indicator (red)

**Recommendable replacement**  
**Model E2E-Next series**



**Shielded**

Model	A	B	C	D	E	F <sup>*1</sup>	G <sup>*2</sup>	H	I	J
E2E(Q)-X□30 X□8-M3/M5	M8XP1	39	M8XP1	26	---	10 (8)	4	3	15	13
E2E(Q)-X□8-M1	M8XP1	43	M12XP1	26	---	10 (8)	4	3	15	13
E2E(Q)-X□12-M1	M12XP1	48	M12XP1	33	---	12 (10)	4	4	21	17
E2E(Q)-X□18-M1	M18XP1	53	M12XP1	38	---	12 (10)	4	4	29	24
E2E(Q)-X□30-M1	M30XP1.5	58	M12XP1	43	---	12 (10)	4	5	42	36
E2E-X□L8-M3/M5	M8XP1	49	M8XP1	36	---	8	---	3	15	13
E2E-X□L8-M1	M8XP1	53	M12XP1	36	---	8	---	3	15	13
E2E-X□L12-M1	M12XP1	70	M12XP1	55	---	10	---	4	21	17
E2E-X□L18-M1	M18XP1	75	M12XP1	60	---	10	---	4	29	24
E2E-X□L30-M1	M30XP1.5	80	M12XP1	65	---	10	---	5	42	36

**Unshielded**

Model	A	B	C	D	E <sup>*3</sup>	F	G <sup>*2</sup>	H	I	J
E2E-X□M□8-M3/M5	M8XP1	39	M8XP1	26	6	8	---	3	15	13
E2E-X□M□8-M1	M8XP1	43	M12XP1	26	6	8	---	3	15	13
E2E-X□M□12-M1	M12XP1	48	M12XP1	26	7	10	---	4	21	17
E2E-X□M□18-M1	M18XP1	53	M12XP1	38	10	10	---	4	29	24
E2E-X□M□30-M1	M30XP1.5	58	M12XP1	43	13	10	---	5	42	36
E2E-X□M□L8-M3-M5	M8XP1	49	M8XP1	36	6	8	---	3	15	13
E2E-X□M□L8-M1	M8XP1	53	M12XP1	36	6	8	---	3	15	13
E2E-X□M□L12-M1	M12XP1	70	M12XP1	55	7	10	---	4	21	17
E2EX□M□L18-M1	M18XP1	75	M12XP1	60	10	10	---	4	29	24
E2E-X□M□L30-M1	M30XP1.5	80	M12XP1	65	13 <sup>(15)</sup>	10	---	5	42	36

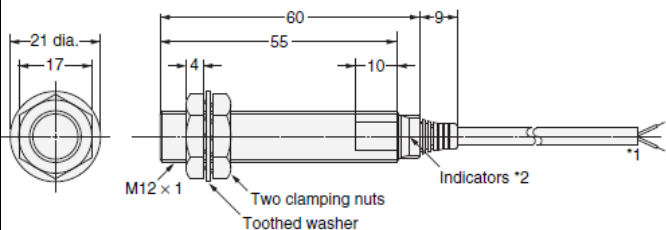
Note.1: E2E-Next series has one toothed washer.

Note.2: E2E(Q) means E2EQ series and E2EQ series is for welding process type and has the threaded body and sensing head covered with the fluorine resin for spatter resistance.

Note.3:  
Fixing Nut set is as same as E2E series.

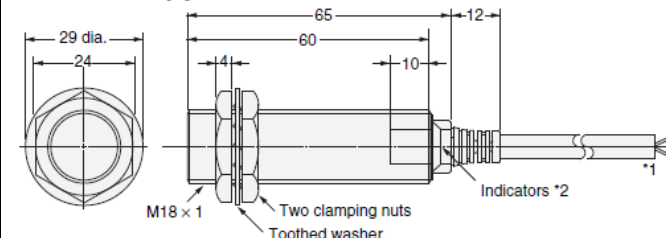
**Product discontinuation**  
**Model E2E/E2E2/E2EM DC 3w series**

**M12 Shielded type**  
**E2E2-X2C\***



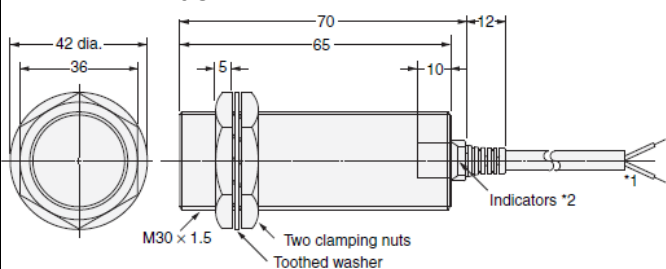
- \*1. 4-dia. vinyl-insulated round cable with 2 conductors (Conductor cross section: 0.3 mm<sup>2</sup>, Insulator diameter: 1.3 mm), Standard length: 2 m
- 4-dia. vinyl-insulated round cable with 3 conductors (Conductor cross section: 0.3 mm<sup>2</sup>, Insulator diameter: 1.3 mm), Standard length: 2 m
- The cable can be extended to up to 200 m (Separate metal conduit.)
- \*2. D Models: Operation indicator (red) and setting indicator (green), C/Y Models: Operation indicator (red)

**M18 Shielded type**  
**E2E2-X5C\***



- \*1. 6-dia. vinyl-insulated round cable with 2 conductors (Conductor cross section: 0.5 mm<sup>2</sup>, Insulator diameter: 1.9 mm), Standard length: 2 m
- 6-dia. vinyl-insulated round cable with 3 conductors (Conductor cross section: 0.5 mm<sup>2</sup>, Insulator diameter: 1.9 mm), Standard length: 2 m
- The cable can be extended to up to 200 m (Separate metal conduit.)
- \*2. D Models: Operation indicator (red) and setting indicator (green), C/Y Models: Operation indicator (red)

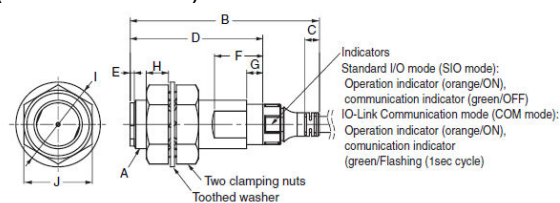
**M30 Shielded type**  
**E2E2-X10C\***



- \*1. 6-dia. vinyl-insulated round cable with 2 conductors (Conductor cross section: 0.5 mm<sup>2</sup>, Insulator diameter: 1.9 mm), Standard length: 2 m
- 6-dia. vinyl-insulated round cable with 3 conductors (Conductor cross section: 0.5 mm<sup>2</sup>, Insulator diameter: 1.9 mm), Standard length: 2 m
- The cable can be extended to up to 200 m (Separate metal conduit.)
- \*2. D Models: Operation indicator (red) and setting indicator (green), C/Y Models: Operation indicator (red)

**Recommendable replacement**  
**Model E2E-Next series**

**Pre-wired Models of E2E-Next series**  
**(dimension table).**



**Pre-wired Models** (Operation mode: NO, NC Type)      **Pre-wired Connector Models (M1TJ)** (M12xP1)

- Vinyl-insulated round cable with 3 conductors  
M8, M12 size: 4-dia.  
M18, M30 size: 6-dia.  
(Conductor cross section: 0.2 mm<sup>2</sup> (AWG24), Insulator diameter: 1.05 mm), Standard length: 2 m  
(Operation mode: NO+NC Type)
- Vinyl-insulated round cable with 3 conductors  
M8, M12 size: 4-dia.  
M18, M30 size: 6-dia.  
(Conductor cross section: 0.2 mm<sup>2</sup> (AWG24), Insulator diameter: 1.05 mm), Standard length: 0.3 m
- (Operation mode: NO+NC Type)  
Vinyl-insulated round cable with 4 conductors  
M12 size: 4.3-dia.  
M18, M30 size: 6-dia.  
(Conductor cross section: 0.2 mm<sup>2</sup> (AWG24), Insulator diameter: 1.05 mm), Standard length: 0.3 m

**Shielded**

Model	A	B	C	D	E	F	G*	H	I	J
E2E(Q)-X□8	M8XP1	37.8	4.4	26	1	10	4	4	15	13
E2E(Q)-X□12	M12XP1	47.1	3.7	33	1	12	4	5.5	21	17
E2E(Q)-X□18	M18XP1	55.3	8.5	38	1	12	4	6	29	24
E2E(Q)-X□30	M30XP1.5	60.3	8.3	43	1	12	4	7	42	36
E2E-X□L8	M8XP1	47.8	4.4	36	1	10	---	4	15	13
E2E-X□L12	M12XP1	69.1	3.7	55	1	12	---	5.5	21	17
E2E-X□L18	M18XP1	77.3	8.5	60	1	12	---	6	29	24
E2E-X□L30	M30XP1.5	82.3	8.3	65	1	12	---	7	42	36

**Unshielded**

Model	A	B	C	D	E	F	G*	H	I	J
E2E-X□M□8	M8XP1	37.8	4.4	26	6	8	---	3	15	13
E2E-X□M□12	M12XP1	47.1	3.7	33	7	10	---	4	21	17
E2E-X□M□L8	M8XP1	47.8	4.4	36	6	8	---	3	15	13
E2E-X□M□L12	M12XP1	69.1	3.7	55	7	10	---	4	21	17
E2E-X□M□L18	M18XP1	77.3	8.5	60	13	12	---	4	29	24
E2E-S□S12□	M30XP1.5	82.3	8.3	65	15	10	---	5	42	36
E2E-S□S12□	M30X1.5	97.3	8.3	80	15	12	---	5	42	36

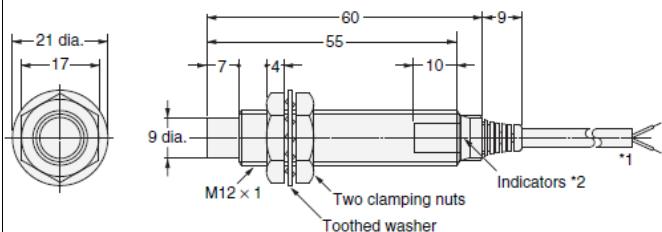
Note1: E2E-Next series has one toothed washer.

Note2: E2E(Q) means E2EQ series and E2EQ series is for welding process type and has the threaded body and sensing head covered with the fluorine resin for spatter resistance.

Note3: Fixing Nut set is as same as E2E2 series.

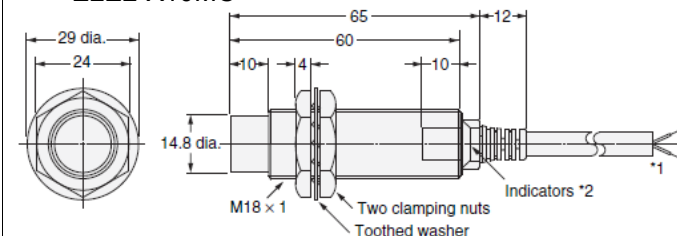
**Product discontinuation**  
**Model E2E/E2E2/E2EM DC 3w series**

**M12 Unshielded type**  
**E2E2-X5MC\***



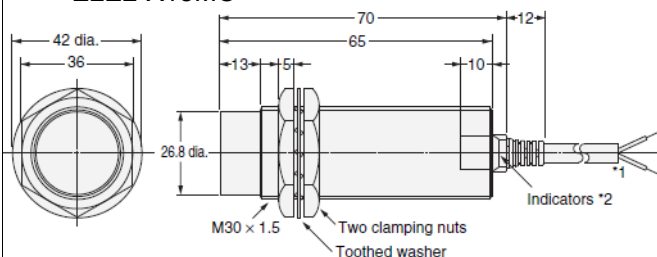
- \*1. 4-dia. vinyl-insulated round cable with 2 conductors (Conductor cross section: 0.3 mm<sup>2</sup>, Insulator diameter: 1.3 mm), Standard length: 2 m
- 4-dia. vinyl-insulated round cable with 3 conductors (Conductor cross section: 0.3 mm<sup>2</sup>, Insulator diameter: 1.3 mm), Standard length: 2 m
- The cable can be extended to up to 200 m (Separate metal conduit.)
- \*2. D Models: Operation indicator (red) and setting indicator (green), C/Y Models: Operation indicator (red)

**M18 Unshielded type**  
**E2E2-X10MC\***



- \*1. 6-dia. vinyl-insulated round cable with 2 conductors (Conductor cross section: 0.5 mm<sup>2</sup>, Insulator diameter: 1.9 mm), Standard length: 2 m
- 6-dia. vinyl-insulated round cable with 3 conductors (Conductor cross section: 0.5 mm<sup>2</sup>, Insulator diameter: 1.9 mm), Standard length: 2 m
- The cable can be extended to up to 200 m (Separate metal conduit.)
- \*2. D Models: Operation indicator (red) and setting indicator (green), C/Y Models: Operation indicator (red)

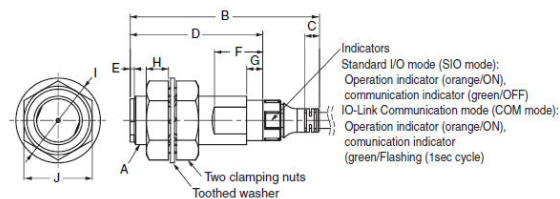
**M30 Unshielded type**  
**E2E2-X18MC\***



- \*1. 6-dia. vinyl-insulated round cable with 2 conductors (Conductor cross section: 0.5 mm<sup>2</sup>, Insulator diameter: 1.9 mm), Standard length: 2 m
- 6-dia. vinyl-insulated round cable with 3 conductors (Conductor cross section: 0.5 mm<sup>2</sup>, Insulator diameter: 1.9 mm), Standard length: 2 m
- The cable can be extended to up to 200 m (Separate metal conduit.)
- \*2. D Models: Operation indicator (red) and setting indicator (green), C/Y Models: Operation indicator (red)

**Recommendable replacement**  
**Model E2E-Next series**

**Pre-wired Models of E2E-Next series**  
**(dimension table).**



**Pre-wired Models**  
(Operation mode: NO, NC Type)



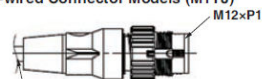
Vinyl-insulated round cable with 3 conductors  
M8, M12 size: 4-dia.  
M18, M30 size: 6-dia.  
(Conductor cross section: 0.2 mm<sup>2</sup> (AWG24), Insulator diameter: 1.05 mm), Standard length: 2 m

(Operation mode: NO+NC Type)



Vinyl-insulated round cable with 4 conductors  
M12 size: 4.3-dia.  
M18/M30 size: 6-dia.  
(Conductor cross section: 0.2 mm<sup>2</sup> (AWG24), Insulator diameter: 1.05 mm), Standard length: 2 m

**Pre-wired Connector Models (M12J)**



(Operation mode: NO, NC Type)  
Vinyl-insulated round cable with 3 conductors  
M8, M12 size: 4-dia.  
M18, M30 size: 6-dia.  
(Conductor cross section: 0.2 mm<sup>2</sup> (AWG24), Insulator diameter: 1.05 mm), Standard length: 0.3 m

(Operation mode: NO+NC Type)  
Vinyl-insulated round cable with 4 conductors

M12 size: 4.3-dia.  
M18, M30 size: 6-dia.  
(Conductor cross section: 0.2 mm<sup>2</sup> (AWG24), Insulator diameter: 1.05 mm), Standard length: 0.3 m

**Shielded**

Model	A	B	C	D	E	F	G*	H	I	J
E2E(Q)-X□08	M8XP1	37.8	4.4	26	1	10	4	4	15	13
E2E(Q)-X□12	M12XP1	47.1	3.7	33	1	12	4	5.5	21	17
E2E(Q)-X□18	M18XP1	55.3	8.5	38	1	12	4	6	29	24
E2E(Q)-X□30	M30XP1.5	60.3	8.3	43	1	12	4	7	42	36
E2E-X□L8	M8XP1	47.8	4.4	36	1	10	---	4	15	13
E2E-X□L12	M12XP1	69.1	3.7	55	1	12	---	5.5	21	17
E2E-X□L18	M18XP1	77.3	8.5	60	1	12	---	6	29	24
E2E-X□L30	M30XP1.5	82.3	8.3	65	1	12	---	7	42	36

**Unshielded**

Model	A	B	C	D	E	F	G*	H	I	J
E2E-X□M□08	M8XP1	37.8	4.4	26	6	8	---	3	15	13
E2E-X□M□12	M12XP1	47.1	3.7	33	7	10	---	4	21	17
E2E-X□M□L8	M8XP1	47.8	4.4	36	6	8	---	3	15	13
E2E-X□M□L12	M12XP1	69.1	3.7	55	7	10	---	4	21	17
E2E-X□M□L18	M18XP1	77.3	8.5	60	13	12	---	4	29	24
E2E-S□S12□	M30XP1.5	82.3	8.3	65	15	10	---	5	42	36
E2E-S□S12□	M30X1.5	97.3	8.3	80	15	12	---	5	42	36

Note1: E2E-Next series has one toothed washer.

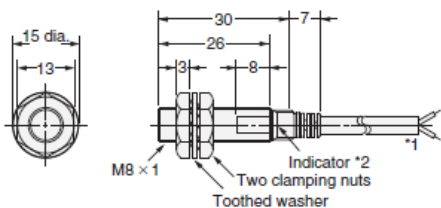
Note2: E2E(Q) means E2EQ series and E2EQ series is for welding process type and has the threaded body and sensing head covered with the fluorine resin for spatter resistance.

Note3: Fixing Nut set is as same as E2E2 series.



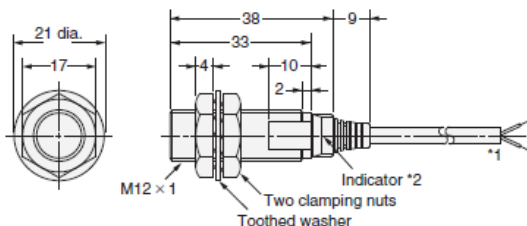
**Product discontinuation**  
**Model E2E/E2E2/E2EM DC 3w series**

**M8 Pre-wired type (Shielded)**  
**E2EM-X2C\***



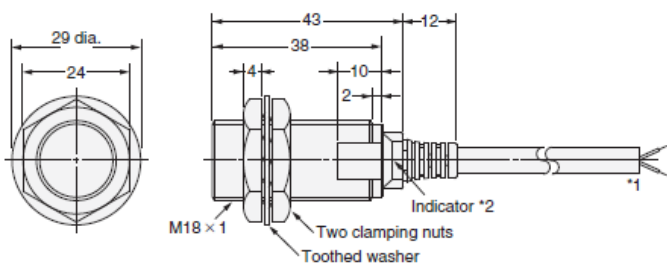
- 4-dia. vinyl-insulated round cable with 2/3 conductors (Conductor cross section: 0.3 mm<sup>2</sup>, Insulator diameter: 1.3 mm), Standard length: 2 m  
The cable can be extended up to 200 m (separate metal conduit).
- Operation indicator (yellow)

**M12 Pre-wired type (Shielded)**  
**E2EM-X4C\***



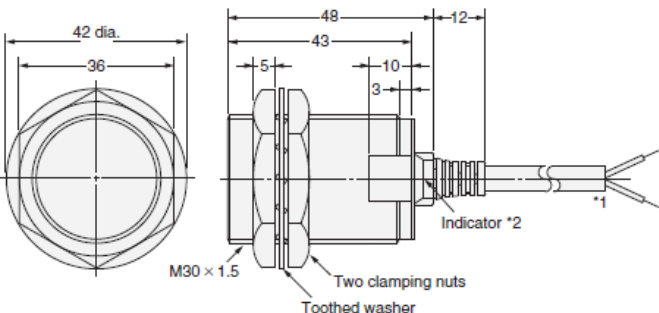
- 4-dia. vinyl-insulated round cable with 2/3 conductors (Conductor cross section: 0.3 mm<sup>2</sup>, Insulator diameter: 1.3 mm), Standard length: 2 m
- X1 Models: Operation indicator (red)  
Setting indicator (green)  
X2 Models: Operation indicator (red)  
C Models: Operation indicator (yellow)

**M18 Pre-wired type (Shielded)**  
**E2EM-X8C\***



- 6-dia. vinyl-insulated round cable with 2/3 conductors (Conductor cross section: 0.5 mm<sup>2</sup>, Insulator diameter: 1.9 mm), Standard length: 2 m
- X1 Models: Operation indicator (red) Setting indicator (green)  
X2 Models: Operation indicator (red)  
C Models: Operation indicator (yellow)

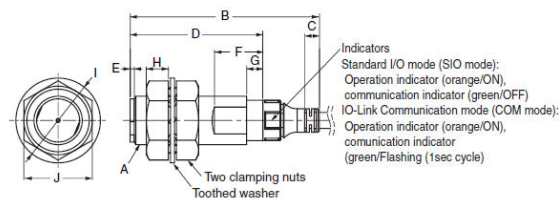
**M30 Pre-wired type (Shielded)**  
**E2EM-X15C\***



- 6-dia. vinyl-insulated round cable with 2/3 conductors (Conductor cross section: 0.5 mm<sup>2</sup>, Insulator diameter: 1.9 mm), Standard length: 2 m
- X1 Models: Operation indicator (red) Setting indicator (green)  
X2 Models: Operation indicator (red)  
C Models: Operation indicator (yellow)

**Recommendable replacement**  
**Model E2E-Next series**

**Pre-wired Models of E2E-Next series**  
**(dimension table).**

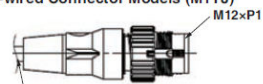


**Pre-wired Models**  
(Operation mode: NO, NC Type)



Vinyl-insulated round cable with 3 conductors  
M8, M12 size: 4-dia.  
M18, M30 size: 6-dia.  
(Conductor cross section: 0.2 mm<sup>2</sup> (AWG24), Insulator diameter: 1.05 mm), Standard length: 2 m  
(Operation mode: NO+NC Type)

**Pre-wired Connector Models (M12J)**



(Operation mode: NO, NC Type)  
Vinyl-insulated round cable with 3 conductors  
M8, M12 size: 4-dia.  
M18, M30 size: 6-dia.  
(Conductor cross section: 0.2 mm<sup>2</sup> (AWG24), Insulator diameter: 1.05 mm), Standard length: 0.3 m

(Operation mode: NO+NC Type)  
Vinyl-insulated round cable with 4 conductors  
M12 size: 4.3-dia.  
M18, M30 size: 6-dia.  
(Conductor cross section: 0.2 mm<sup>2</sup> (AWG24), Insulator diameter: 1.05 mm), Standard length: 2 m

**Shielded**

Model	A	B	C	D	E	F	G*	H	I	J
E2E(Q)-X□08	M8XP1	37.8	4.4	26	1	10	4	4	15	13
E2E(Q)-X□12	M12XP1	47.1	3.7	33	1	12	4	5.5	21	17
E2E(Q)-X□18	M18XP1	55.3	8.5	38	1	12	4	6	29	24
E2E(Q)-X□30	M30XP1.5	60.3	8.3	43	1	12	4	7	42	36
E2E-X□L8	M8XP1	47.8	4.4	36	1	10	---	4	15	13
E2E-X□L12	M12XP1	69.1	3.7	55	1	12	---	5.5	21	17
E2E-X□L18	M18XP1	77.3	8.5	60	1	12	---	6	29	24
E2E-X□L30	M30XP1.5	82.3	8.3	65	1	12	---	7	42	36

**Unshielded**

Model	A	B	C	D	E	F	G*	H	I	J
E2E-X□M□08	M8XP1	37.8	4.4	26	6	8	---	3	15	13
E2E-X□M□12	M12XP1	47.1	3.7	33	7	10	---	4	21	17
E2E-X□M□L8	M8XP1	47.8	4.4	36	6	8	---	3	15	13
E2E-X□M□L12	M12XP1	69.1	3.7	55	7	10	---	4	21	17
E2E-X□M□L18	M18XP1	77.3	8.5	60	13	12	---	4	29	24
E2E-S□S12□	M30XP1.5	82.3	8.3	65	15	10	---	5	42	36
E2E-S□S12□	M30X1.5	97.3	8.3	80	15	12	---	5	42	36

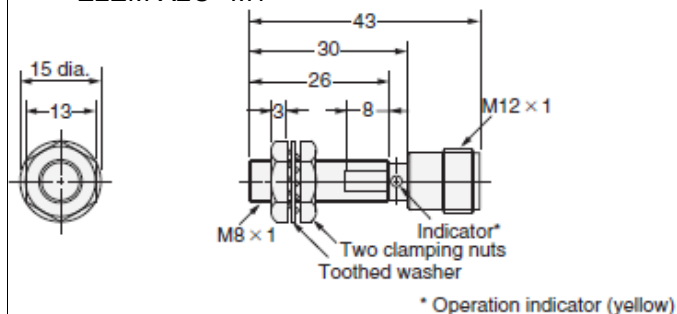
Note1: E2E-Next series has one toothed washer.

Note2: E2E(Q) means E2EQ series and E2EQ series is for welding process type and has the threaded body and sensing head covered with the fluorine resin for spatter resistance.

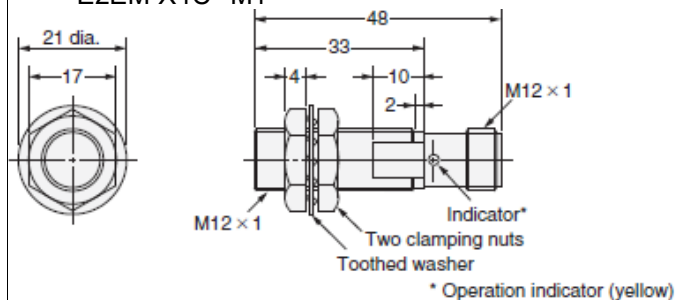
Note3: Fixing Nut set is as same as E2EM series.

**Product discontinuation**  
**Model E2E/E2E2/E2EM DC 3w series**

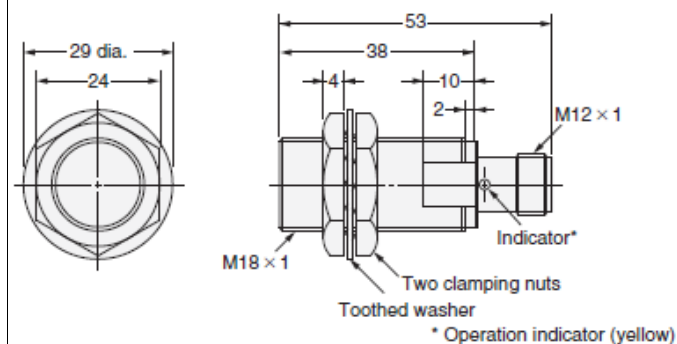
M8 connector type with M12 size connector (Shielded)  
E2EM-X2C\*-M1



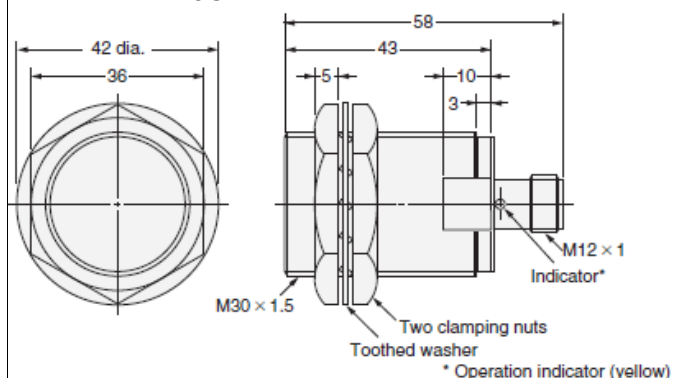
M12 connector type with M12 size connector (Shielded)  
E2EM-X4C\*-M1



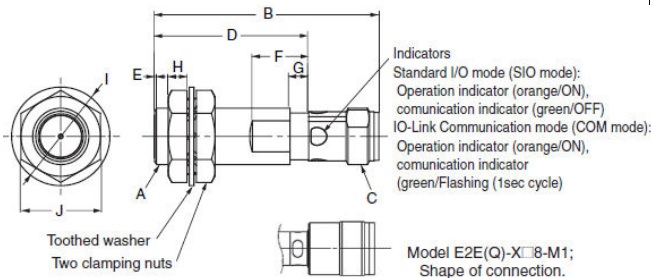
M18 connector type with M12 size connector (Shielded)  
E2EM-X8C\*-M1



M30 connector type with M12 size connector (Shielded)  
E2EM-X15C\*-M1



**Recommendable replacement**  
**Model E2E-Next series**



**Shielded**

Model	A	B	C	D	E	F <sup>*1</sup>	G <sup>*2</sup>	H	I	J
E2E(Q)-X□30 X□8-M3/M5	M8XP1	39	M8XP1	26	---	10 (8)	4	3	15	13
E2E(Q)-X□8-M1	M8XP1	43	M12XP1	26	---	10 (8)	4	3	15	13
E2E(Q)-X□12-M1	M12XP1	48	M12XP1	33	---	12 (10)	4	4	21	17
E2E(Q)-X□18-M1	M18XP1	53	M12XP1	38	---	12 (10)	4	4	29	24
E2E(Q)-X□30-M1	M30XP1.5	58	M12XP1	43	---	12 (10)	4	5	42	36
E2E-X□L8-M3/M5	M8XP1	49	M8XP1	36	---	8	---	3	15	13
E2E-X□L8-M1	M8XP1	53	M12XP1	36	---	8	---	3	15	13
E2E-X□L12-M1	M12XP1	70	M12XP1	55	---	10	---	4	21	17
E2E-X□L18-M1	M18XP1	75	M12XP1	60	---	10	---	4	29	24
E2E-X□L30-M1	M30XP1.5	80	M12XP1	65	---	10	---	5	42	36

**Unshielded**

Model	A	B	C	D	E <sup>*3</sup>	F	G <sup>*2</sup>	H	I	J
E2E-X□M□8-M3/M5	M8XP1	39	M8XP1	26	6	8	---	3	15	13
E2E-X□M□8-M1	M8XP1	43	M12XP1	26	6	8	---	3	15	13
E2E-X□M□12-M1	M12XP1	48	M12XP1	26	7	10	---	4	21	17
E2E-X□M□18-M1	M18XP1	53	M12XP1	38	10	10	---	4	29	24
E2E-X□M□30-M1	M30XP1.5	58	M12XP1	43	13	10	---	5	42	36
E2E-X□M□L8-M3-M5	M8XP1	49	M8XP1	36	6	8	---	3	15	13
E2E-X□M□L8-M1	M8XP1	53	M12XP1	36	6	8	---	3	15	13
E2E-X□M□L12-M1	M12XP1	70	M12XP1	55	7	10	---	4	21	17
E2EX□M□L18-M1	M18XP1	75	M12XP1	60	10	10	---	4	29	24
E2E-X□M□L30-M1	M30XP1.5	80	M12XP1	65	13 <sup>(15)</sup>	10	---	5	42	36

Note.1: E2E-Next series has one toothed washer.

Note.2: E2E(Q) means E2EQ series and E2EQ series is for welding process type and has the threaded body and sensing head covered with the fluorine resin for spatter resistance.

Note.3: Fixing Nut set is as same as E2EM series.

**[ Rating/Performance ]**

Described the main changes when comparing alternative models.  
For detailed specifications, refer to the catalog and specifications.

Item	Product discontinuation Model E2E DC 3w series	Recommendable replacement Model E2E-Next DC 3w series
Differential travel	10% max. of sensing distance	15% max. of sensing distance
Power supply voltage	10~40VDC	10~30VDC
Current consumption	13 mA max.	16 mA max.
Output short-circuit protection	None	Use
Operation indicators	red	orange
Oil-resistant	JIS C0920 Appendix 1 IP67G (In-house standard oil resistance)	OMRON Oil-resistant Component Evaluation Criteria Ability value 2 years

Item	Product discontinuation Model E2E2 DC 3w series	Recommendable replacement Model E2E-Next series
Differential travel	10% max. of sensing distance	15% max. of sensing distance
Current consumption	13 mA max.	16 mA max.
Output short-circuit protection	None	Use
Operation indicators	red	orange
Oil-resistant	JIS C0920 Appendix 1 IP67G (In-house standard oil resistance)	OMRON Oil-resistant Component Evaluation Criteria Ability value 2 years

Item	Product discontinuation Model E2EM DC 3w series	Recommendable replacement Model E2E-Next series
Differential travel	10% max. of sensing distance	15% max. of sensing distance
Power supply voltage	10~40VDC	10~30VDC
Current consumption	13 mA max.	16 mA max.
Output short-circuit protection	None	Use
Operation indicators	red	orange
Oil-resistant	JIS C0920 Appendix 1 IP67G (In-house standard oil resistance)	OMRON Oil-resistant Component Evaluation Criteria Ability value 2 years

**[ Operation characteristic]**

If the detection distance is replaced with an equivalent product, the detection area will be almost the same, but it will change depending on the detection target. Therefore, when replacing it, please test it in the actual installation environment.

For detailed specifications, refer to our catalog, specifications, and instruction manuals.

Specifications and prices in this product news are as of the issue date and are subject to change without notice.  
Only main changes in specifications are described in this document. Please be sure to read the relevant catalogs, datasheets, product specifications, instructions, and manuals for precautions and necessary information when using products.

## Omron Electronics GmbH

### Automation

Elisabeth-Selbert-Straße 17  
D-40764 Langenfeld

Telefon: +49 (0)2173 68 00-0

Fax: +49 (0)2173 68 00-400

E-Mail: [info\\_de@omron.com](mailto:info_de@omron.com)

### Robotics

Revierstraße 5  
D-44379 Dortmund

Telefon: +49 (0)231 75 89 4-0

Fax: +49 (0)231 75 89 4-50

E-Mail: [info\\_de@omron.com](mailto:info_de@omron.com)

[industrial.omron.de](http://industrial.omron.de)

«Customer\_Name» «Address\_Line\_1»

Leitung Einkauf

«Address\_Line\_2»

«Postal\_Code» «City»

20.01.2021

## Produktabkündigung der E2A,E2E,E2E2 und E2EM Reihen

Sehr geehrte Damen und Herren,

hiermit informieren wir Sie über die Abkündigung der Sensoren aus folgender Produktgruppe:

### E2A,E2E,E2E2 und E2EM Reihen

Die letzte Bestellmöglichkeit für alle Modelle aus dieser Reihe ist der **31.01.2022**.

Als Alternative empfehlen wir die **E2E-NEXT Reihe**.

Für die Auswahl eines für Sie geeigneten Nachfolgemodells steht Ihnen selbstverständlich der für Sie zuständige Vertriebsingenieur oder unser Technical Support Team jederzeit gern beratend zur Seite.

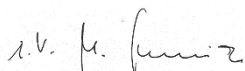
### Technical Support Sensing

Mail.: [cr.Sensing@omron.com](mailto:cr.Sensing@omron.com)

Tel. : +49 (0) 2173 6800 592

Mit freundlichen Grüßen

Omron Electronics GmbH



i. V. Mathias Schneider  
Teamleader Technical Support  
DACH



i. A. Simon Mühlig-Versen  
Technical Support Engineer  
DACH