PRODUCT NEWS

Product Discontinuation Notices

Proximity Sensors

OMRON

Issue Date
September 30, 2022

No. OMSQ-C(02)218096

Discontinuation Notice of the part of Standard Proximity Sensor Model E2E series, the part of Long-barrel Inductive Proximity sensor Model E2E2 series, the part of Long-distance Proximity sensor Model E2EM series , the part of Spatter-resistant Proximity sensor E2EQ series.

Product Discontinuation	Recommended Replacement
Standard Proximity Sensor **Model E2E series**	Standard Proximity Sensor **Model E2E Next series** or **No recommended replacement**
Long-barrel Inductive Proximity Sensor **Model E2E2 series**	Standard Proximity Sensor **Model E2E Next series**
Long-distance Proximity sensor **Model E2EM series**	Standard Proximity Sensor **Model E2E Next series**
Spatter-resistant Proximity sensor **Model E2EQ series**	Spatter-resistant Proximity sensor **Model E2EQ Next series**

[Final order entry date]

The end of January, 2023

[Date of The Last Shipping]

The end of June, 2023

[Caution on recommended replacement]

The indicator light, the dimensions of the milling cutter, and the body color of the Spatter-resistant Proximity sensors are different.

[Difference from discontinued product]

Recommended replacement Model	Body Color	Dimen-sions	Wire connection	Mounting Dimensions	Charac-teristics	Operation ratings	Operation methods
E2E DC 2w Series	*	*	*	**	*	*	-
E2EQ DC 2w Series	--	*	*	**	*	*	-

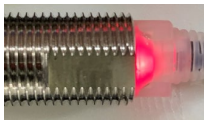
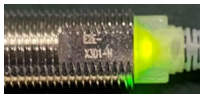
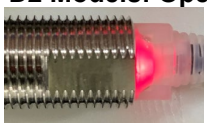
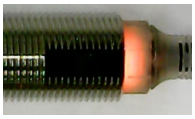
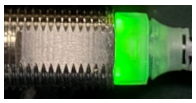
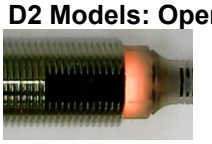
** : Compatible
* : The change is a little/Almost compatible
-- : Not compatible
- : No corresponding specification

[Product Discontinuation and recommended replacement]

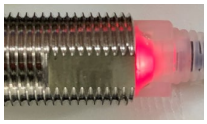
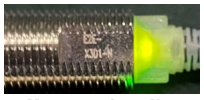
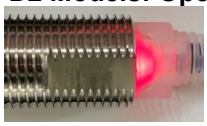
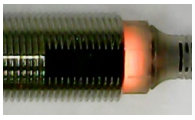
Product discontinuation	Recommended replacement
E2E-X8MD25 5M	No recommended replacement
E2E-X8MD15S 5M	No recommended replacement
E2E-X7D2-M1G-T	No recommended replacement
E2E-X7D1-N40 2M	No recommended replacement

Product discontinuation	Recommended replacement
E2E-X14MD15S 5M	No recommended replacement
E2E-X10D15-M1	No recommended replacement
E2E-X10D15S 5M	No recommended replacement
E2E2-X3D1 2M	E2E-X3D1L 2M
E2E2-X3D1 5M	E2E-X3D1L 5M
E2E2-X3D15 2M	E2E-X3D15L 2M
E2E2-X3D2 2M	E2E-X3D2L 2M
E2E2-X8MD1 2M	E2E-X8MD1L 2M
E2E2-X8MD1 5M	E2E-X8MD1L 5M
E2E2-X8MD15 2M	E2E-X8MD15L 2M
E2E2-X8MD2 2M	E2E-X8MD2L 2M
E2E2-X7D1 2M	E2E-X7D1L 2M
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E2E2-X7D15 2M	E2E-X7D15L 2M
E2E2-X7D2 2M	E2E-X7D2L 2M
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E2EM-X4X1 2M	E2E-X4D1-T 2M
E2EM-X4X2 2M	E2E-X4D2-T 2M
E2EM-X4X1-M1J 0.3M	E2E-X4D1-M1J-T 0.3M
E2EM-X4X2-M1J 0.3M	E2E-X4D2-M1J-T 0.3M
E2EM-X8X1 2M	E2E-X8D1-T 2M
E2EM-X8X2 2M	E2E-X8D2-T 2M
E2EM-X8X1-M1J 0.3M	E2E-X8D1-M1J-T 0.3M
E2EM-X8X1-M1GJ-1 0.3M	E2E-X8D1-M1GJ-T-1 0.3M
E2EM-X16MX1 2M	E2E-X16MD1L-T 2M
E2EM-X16MX2 2M	E2E-X16MD2L-T 2M
E2EM-X15X1 2M	E2E-X15D1-T 2M
E2EM-X15X2 2M	E2E-X15D2-T 2M
E2EM-X15X1-M1J 0.3M	E2E-X15D1-M1J-T 0.3M
E2EM-X15X1-M1TJ 0.3M	E2E-X15D1-M1TJ-T 0.3M
E2EM-X30MX1 2M	E2E-X30MD1L-T 2M
E2EM-X30MX2 2M	E2E-X30MD2L-T 2M
E2EM-X30MX1-M1J 0.3M	E2E-X30MD1L-M1J-T 0.3M
E2EM-X30MX1-M1TJ 0.3M	E2E-X30MD1L-M1TJ-T 0.3M
E2EQ-X15X1-M1TJ 0.3M	E2EQ-X15D130-M1TJ-T 0.3M

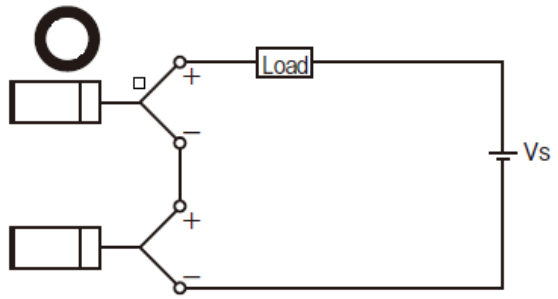
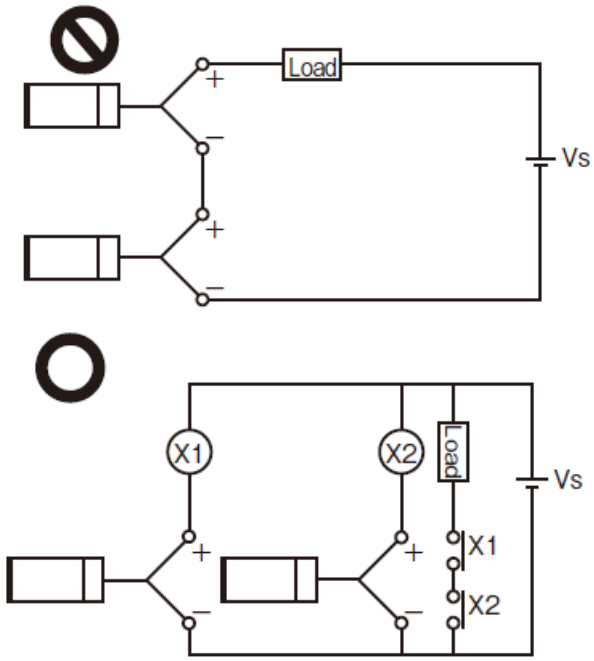
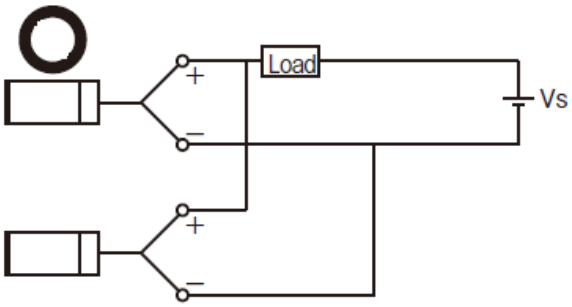
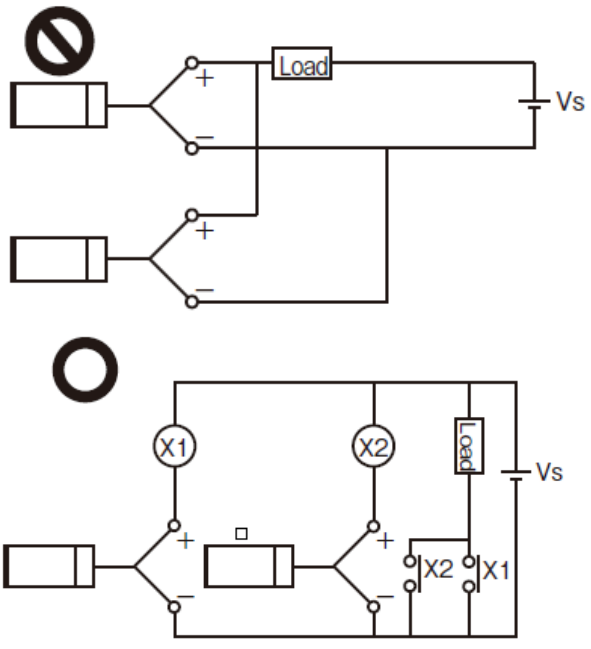
[Body color]

Product discontinuation Model E2E/E2E2/E2EM DC 2w Series	Recommendable replacement Model E2E DC 2w Series
Indicators **D1 Models: Operation indicator(red)** **Sitting indicator(green)**   **D2 Models: Operation indicator(red)** 	**Indicators** **D1 Models: Operation indicator(orange)** **Sitting indicator(green)**   **D2 Models: Operation indicator(orange)** 

[Body color]

Product discontinuation Model E2EQ DC 2w Series	Recommendable replacement Model E2EQ DC 2w Series
Case:  **Indicators** **D1 Models: Operation indicator(red)** **Sitting indicator(green)**   **D2 Models: Operation indicator(red)** 	**Case:**  **Indicators** **D1 Models: Operation indicator(orange)** **Sitting indicator(green)**   **D2 Models: Operation indicator(orange)** 

[Wire connection]

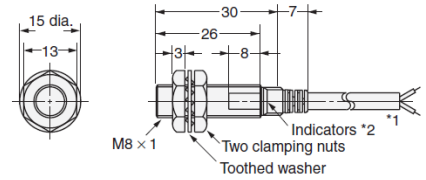
Product discontinuation Model E2E/E2E2/E2EM/E2EQ DC 2w Series	Recommendable replacement Model E2E/E2E2/E2EM/E2EQ DC 2w Series
AND connection 	**AND connection** Two or more sensors cannot be connected in series Of the AND circuit. Use them via a relay as shown on the figure. 
OR connection 	**OR connection** As a general principle, two or more sensors cannot be used in parallel on the OR circuit. It is possible only when sensors do not operate simultaneously and loads do not need to be maintained. When loads need to be maintained, use the sensors via a relay as shown on the figure. 

[Dimensions]

Product discontinuation Model E2E DC 2w Series

Pre-wired type

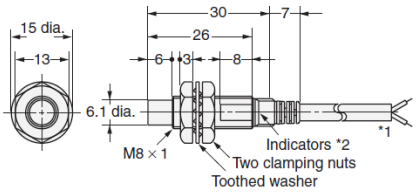
E2E-X2D□



*1. 4-dia. vinyl-insulated round cable with 2 conductors (Conductor cross section: 0.3 mm², Insulator diameter: 1.3 mm), Standard length: 2 m

*2. D1 Models: Operation indicator (red) and setting indicator (green), D2 Models: Operation indicator (red)

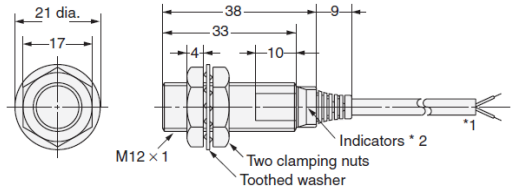
E2E-X4MD□



*1. 4-dia. vinyl-insulated round cable with 2 conductors (Conductor cross section: 0.3 mm², Insulator diameter: 1.3 mm), Standard length: 2 m

*2. D1 Models: Operation indicator (red) and setting indicator (green), D2 Models: Operation indicator (red)

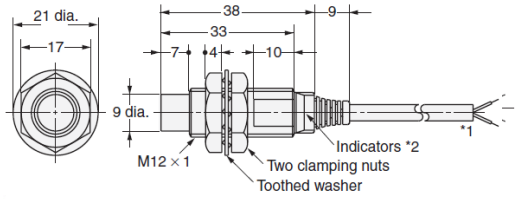
E2E-X3D□



*1. 4-dia. vinyl-insulated round cable with 2 conductors (Conductor cross section: 0.3 mm², Insulator diameter: 1.3 mm), Standard length: 2 m

*2. D1 Models: Operation indicator (red) and setting indicator (green), D2 Models: Operation indicator (red)

E2E-X8MD□

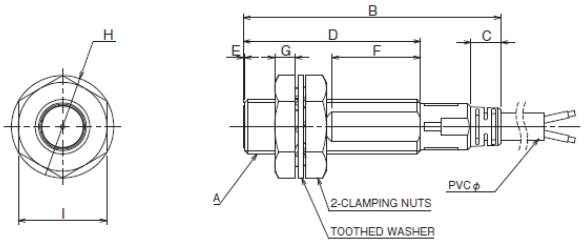


*1. 4-dia. vinyl-insulated round cable with 2 conductors (Conductor cross section: 0.3 mm², Insulator diameter: 1.3 mm), Standard length: 2 m

*2. D1 Models: Operation indicator (red) and setting indicator (green), D2 Models: Operation indicator (red)

Recommendable replacement Model E2E DC 2w Series

Pre-wired type



(Unit:mm)

	Type	A	B	C	D	E	F	G	H	I
Shield	E2E-X2D□	M8X1	37.8	4.4	26	-	13	3	15	13
	E2E-X3D□/E2E (Q) -X4D□	M12X1	47.1	3.7	33	-	13 (10)	4	21	17
	E2E-X7D□/E2E (Q) -X8D□	M18X1	55.3	8.5	38	-	13 (10)	4	29	24
	E2E-X10D□E2E (Q) -X15D□	M30X1.5	60.3	8.3	43	-	13 (10)	5	42	36
	E2E-X3D□L	M12X1	69.1	3.7	55	-	10	4	21	17
	E2E--X7D□L	M18X1	77.3	8.5	60	-	10	4	29	24
	E2E-X10D□L	M30X1.5	82.3	8.3	65	-	10	5	42	36
Non-Shield	E2E-X4MD□	M8X1	37.8	4.4	26	6	8	3	15	13
	E2E-X8MD□	M12X1	47.1	3.7	33	7	10	4	21	17
	E2E-X14MD□/ E2E-X16MD□	M18X1	55.3	8.5	38	10	10	4	29	24
	E2E-X20MD□	M30X1.5	60.3	8.3	43	13	10	5	42	36
	E2E-X8MD□L	M12X1	69.1	3.7	55	7	10	4	21	17
	E2E-X16MD□L	M18X1	77.3	8.5	60	10	10	4	29	24
	E2E-X20MD□L	M30X1.5	82.3	8.3	65	13	10	5	42	36
	E2E-X30MD□	M30X1.5	82.3	8.3	65	15	10	5	42	36



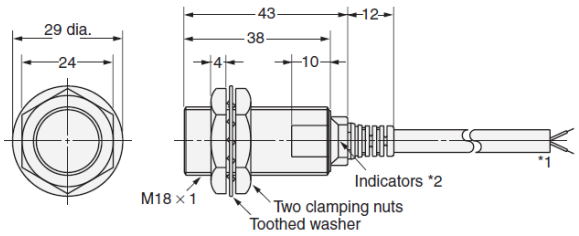
Vinyl-insulated round cabele with 2 conductors
M8,M12 ：φ4 （Conductor cross section:0.3 mm², Insulator diameter：1.15mm）
M18,M30：φ6 （Conductor cross section:0.5 mm², Insulator diameter：1.15mm）

[Dimensions]

Product discontinuation
Model E2E DC 2w Series

Pre-wired type

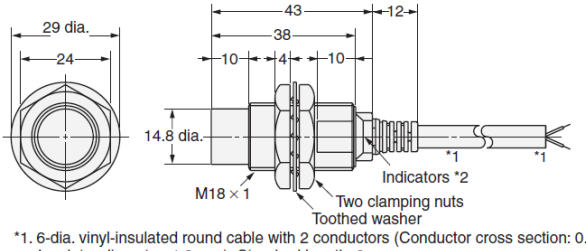
E2E-X7D□



*1. 6-dia. vinyl-insulated round cable with 2 conductors (Conductor cross section: 0.5 mm², Insulator diameter: 1.9 mm), Standard length: 2 m

*2. D1 Models: Operation indicator (red), Setting indicator (green)
D2 Models: Operation indicator (red)

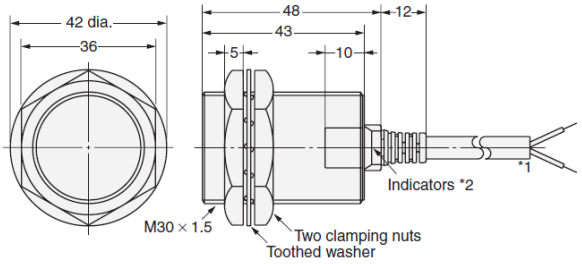
E2E-X14MD□



*1. 6-dia. vinyl-insulated round cable with 2 conductors (Conductor cross section: 0.5 mm², Insulator diameter: 1.9 mm), Standard length: 2 m

*2. D1 Models: Operation indicator (red), Setting indicator (green)
D2 Models: Operation indicator (red)

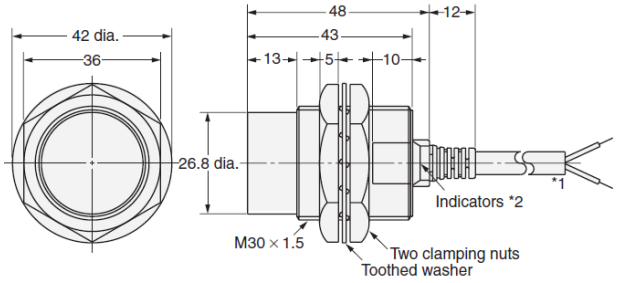
E2E-X10D□



*1. 6-dia. vinyl-insulated round cable with 2 conductors (Conductor cross section: 0.5 mm², Insulator diameter: 1.9 mm), Standard length: 2 m

*2. D1 Models: Operation indicator (red), Setting indicator (green)
D2 Models: Operation indicator (red)

E2E-X20MD□

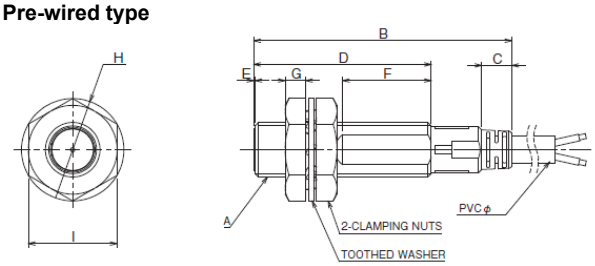


*1. 6-dia. vinyl-insulated round cable with 2 conductors (Conductor cross section: 0.5 mm², Insulator diameter: 1.9 mm), Standard length: 2 m

*2. D1 Models: Operation indicator (red), Setting indicator (green)
D2 Models: Operation indicator (red)

Recommendable replacement
Model E2E DC 2w Series

Pre-wired type



(Unit:mm)

	Type	A	B	C	D	E	F	G	H	I
Shield	E2E-X2D□	M8X1	37.8	4.4	26	-	13	3	15	13
	E2E-X3D□/E2E(Q)-X4D□	M12X1	47.1	3.7	33	-	13 (10)	4	21	17
	E2E-X7D□/E2E(Q)-X8D□	M18X1	55.3	8.5	38	-	13 (10)	4	29	24
	E2E-X10D□E2E(Q)-X15D□	M30X1.5	60.3	8.3	43	-	13 (10)	5	42	36
	E2E-X3D□L	M12X1	69.1	3.7	55	-	10	4	21	17
	E2E-X7D□L	M18X1	77.3	8.5	60	-	10	4	29	24
	E2E-X10D□L	M30X1.5	82.3	8.3	65	-	10	5	42	36
Non-Shield	E2E-X4MD□	M8X1	37.8	4.4	26	6	8	3	15	13
	E2E-X8MD□	M12X1	47.1	3.7	33	7	10	4	21	17
	E2E-X14MD□/E2E-X16MD□	M18X1	55.3	8.5	38	10	10	4	29	24
	E2E-X20MD□	M30X1.5	60.3	8.3	43	13	10	5	42	36
	E2E-X8MD□L	M12X1	69.1	3.7	55	7	10	4	21	17
	E2E-X16MD□L	M18X1	77.3	8.5	60	10	10	4	29	24
	E2E-X20MD□L	M30X1.5	82.3	8.3	65	13	10	5	42	36
	E2E-X30MD□	M30X1.5	82.3	8.3	65	15	10	5	42	36

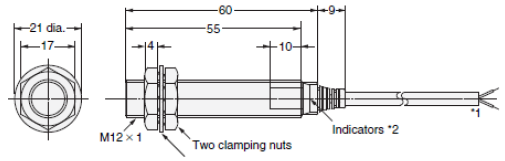


Vinyl-insulated round cabele with 2 conductors
M8,M12 ：φ4 （Conductor cross section:0.3 mm², Insulator diameter：1.15mm）
M18,M30：φ6 （Conductor cross section:0.5 mm², Insulator diameter：1.15mm）

[Dimensions]

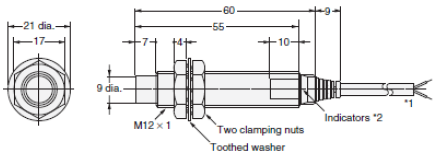
Product discontinuation
Model E2E2 DC 2w Series

E2E2-X3D□



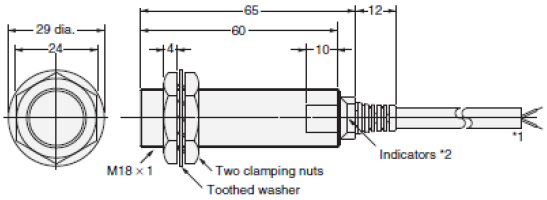
*1. 4-dia. vinyl-insulated round cable with 2 conductors (Conductor cross section: 0.3 mm², Insulator diameter: 1.3 mm), Standard length: 2 m
*2. D1 Models: Operation indicator (red) and setting indicator (green), D2 Models: Operation indicator (red)

E2E2-X8MD□



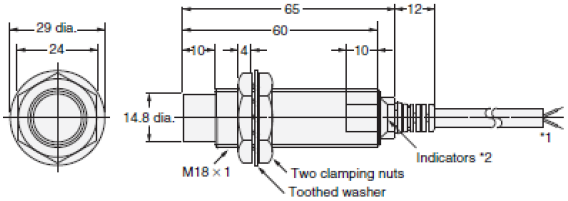
*1. 4-dia. vinyl-insulated round cable with 2 conductors (Conductor cross section: 0.3 mm², Insulator diameter: 1.3 mm), Standard length: 2 m
*2. D1 Models: Operation indicator (red) and setting indicator (green), D2 Models: Operation indicator (red)

E2E2-X7D□



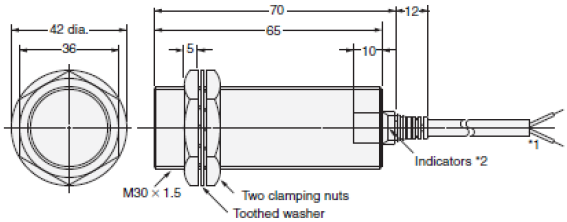
*1. 6-dia. vinyl-insulated round cable with 2 conductors (Conductor cross section: 0.5 mm², Insulator diameter: 1.9 mm), Standard length: 2 m
*2. D1 Models: Operation indicator (red) and setting indicator (green) D2 Models: Operation indicator (red)

E2E2-X14MD□



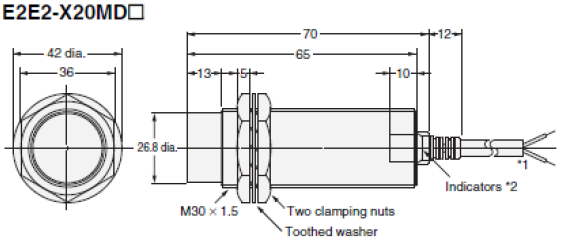
*1. 6-dia. vinyl-insulated round cable with 2 conductors (Conductor cross section: 0.5 mm², Insulator diameter: 1.9 mm), Standard length: 2 m
*2. D1 Models: Operation indicator (red) and setting indicator (green) D2 Models: Operation indicator (red)

E2E2-X10D□



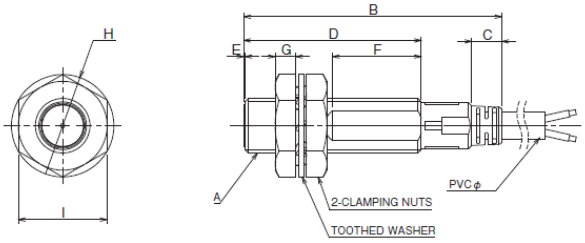
*1. 6-dia. vinyl-insulated round cable with 2 conductors (Conductor cross section: 0.5 mm², Insulator diameter: 1.9 mm), Standard length: 2 m
*2. D1 Models: Operation indicator (red) and setting indicator (green) D2 Models: Operation indicator (red)

E2E2-X20MD□



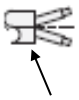
*1. 6-dia. vinyl-insulated round cable with 2 conductors (Conductor cross section: 0.5 mm², Insulator diameter: 1.9 mm), Standard length: 2 m
*2. D1 Models: Operation indicator (red) and setting indicator (green) D2 Models: Operation indicator (red)

Recommendable replacement
Model E2E DC 2w Series



(Unit:mm)

	Type	A	B	C	D	E	F	G	H	I
Shield	E2E-X2D□	M8X1	37.8	4.4	26	-	13	3	15	13
	E2E-X3D□/E2E(Q)-X4D□	M12X1	47.1	3.7	33	-	13 (10)	4	21	17
	E2E-X7D□/E2E(Q)-X8D□	M18X1	55.3	8.5	38	-	13 (10)	4	29	24
	E2E-X10D□E2E(Q)-X15D□	M30X1.5	60.3	8.3	43	-	13 (10)	5	42	36
	E2E-X3D□L	M12X1	69.1	3.7	55	-	10	4	21	17
	E2E--X7D□L	M18X1	77.3	8.5	60	-	10	4	29	24
	E2E-X10D□L	M30X1.5	82.3	8.3	65	-	10	5	42	36
Non-Shield	E2E-X4MD□	M8X1	37.8	4.4	26	6	8	3	15	13
	E2E-X8MD□	M12X1	47.1	3.7	33	7	10	4	21	17
	E2E-X14MD□/E2E-X16MD□	M18X1	55.3	8.5	38	10	10	4	29	24
	E2E-X20MD□	M30X1.5	60.3	8.3	43	13	10	5	42	36
	E2E-X8MD□L	M12X1	69.1	3.7	55	7	10	4	21	17
	E2E-X16MD□L	M18X1	77.3	8.5	60	10	10	4	29	24
	E2E-X20MD□L	M30X1.5	82.3	8.3	65	13	10	5	42	36
	E2E-X30MD□	M30X1.5	82.3	8.3	65	15	10	5	42	36

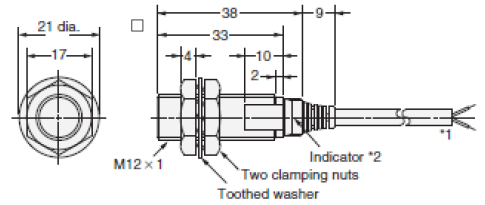


Vinyl-insulated round cabele with 2 conductors
M8,M12 ：φ4 （Conductor cross section:0.3 mm^2,
Insulator diameter：1.15mm）
M18,M30：φ6 （Conductor cross section:0.5 mm^2,
Insulator diameter：1.15mm）

[Dimensions]

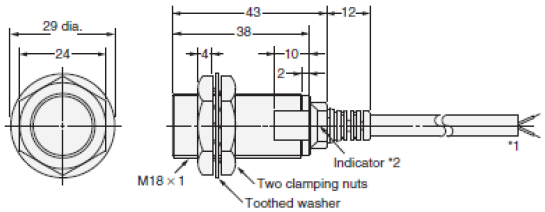
Product discontinuation
Model E2EM DC 2w Series

E2EM-X4□□



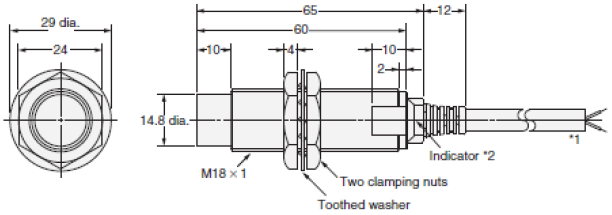
1. 4-dia. vinyl-insulated round cable with 2/3 conductors (Conductor cross section: 0.3 mm², Insulator diameter: 1.3 mm), Standard length: 2 m
2. X1 Models: Operation indicator (red) Setting indicator (green)
   X2 Models: Operation indicator (red)

E2EM-X8□□



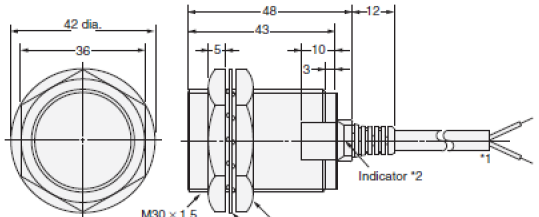
1. 6-dia. vinyl-insulated round cable with 2/3 conductors (Conductor cross section: 0.5 mm², Insulator diameter: 1.9 mm), Standard length: 2 m
2. X1 Models: Operation indicator (red) Setting indicator (green)
   X2 Models: Operation indicator (red)

E2EM-X16MX□



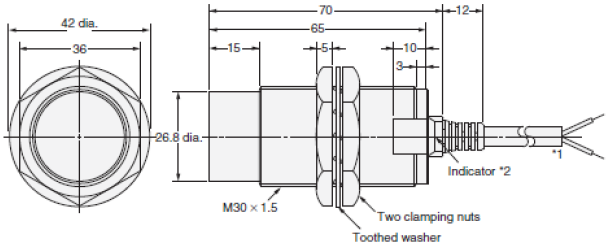
1. 6-dia. vinyl-insulated round cable with 2/3 conductors (Conductor cross section: 0.5 mm², Insulator diameter: 1.9 mm), Standard length: 2 m
2. X1 Models: Operation indicator (red) Setting indicator (green)
   X2 Models: Operation indicator (red)

E2EM-X15□□



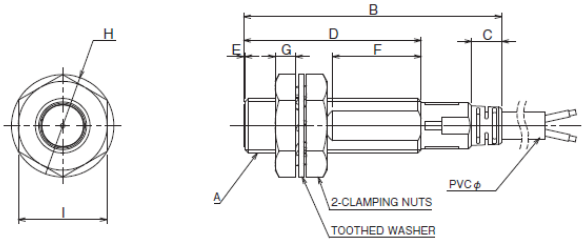
1. 6-dia. vinyl-insulated round cable with 2/3 conductors (Conductor cross section: 0.5 mm², Insulator diameter: 1.9 mm), Standard length: 2 m
2. X1 Models: Operation indicator (red) Setting indicator (green)
   X2 Models: Operation indicator (red)

E2EM-X30MX□



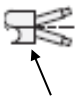
1. 6-dia. vinyl-insulated round cable with 2 conductors (Conductor cross section: 0.5 mm², Insulator diameter: 1.9 mm), Standard length: 2 m
2. X1 Models: Operation indicator (red), Setting indicator (green)
   X2 Models: Operation indicator (red)

Recommendable replacement
Model E2EM DC 2w Series



(Unit:mm)

	Type	A	B	C	D	E	F	G	H	I
Shield	E2E-X2D□	M8X1	37.8	4.4	26	-	13	3	15	13
	E2E-X3D□/E2E(Q)-X4D□	M12X1	47.1	3.7	33	-	13 (10)	4	21	17
	E2E-X7D□/E2E(Q)-X8D□	M18X1	55.3	8.5	38	-	13 (10)	4	29	24
	E2E-X10D□E2E(Q)-X15D□	M30X1.5	60.3	8.3	43	-	13 (10)	5	42	36
	E2E-X3D□L	M12X1	69.1	3.7	55	-	10	4	21	17
	E2E--X7D□L	M18X1	77.3	8.5	60	-	10	4	29	24
	E2E-X10D□L	M30X1.5	82.3	8.3	65	-	10	5	42	36
Non-Shield	E2E-X4MD□	M8X1	37.8	4.4	26	6	8	3	15	13
	E2E-X8MD□	M12X1	47.1	3.7	33	7	10	4	21	17
	E2E-X14MD□/E2E-X16MD□	M18X1	55.3	8.5	38	10	10	4	29	24
	E2E-X20MD□	M30X1.5	60.3	8.3	43	13	10	5	42	36
	E2E-X8MD□L	M12X1	69.1	3.7	55	7	10	4	21	17
	E2E-X16MD□L	M18X1	77.3	8.5	60	10	10	4	29	24
	E2E-X20MD□L	M30X1.5	82.3	8.3	65	13	10	5	42	36
	E2E-X30MD□	M30X1.5	82.3	8.3	65	15	10	5	42	36

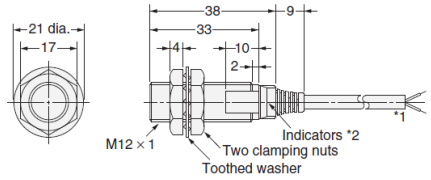


Vinyl-insulated round cabele with 2 conductors
M8,M12 ：φ4 （Conductor cross section:0.3 mm²,
Insulator diameter：1.15mm）
M18,M30：φ6 （Conductor cross section:0.5 mm²,
Insulator diameter：1.15mm）

[Dimensions]

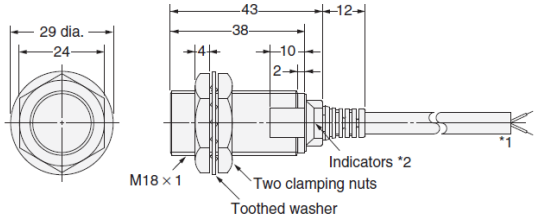
Product discontinuation
Model E2EQ DC 2w Series

Pre-wired type
E2EQ-X4X1



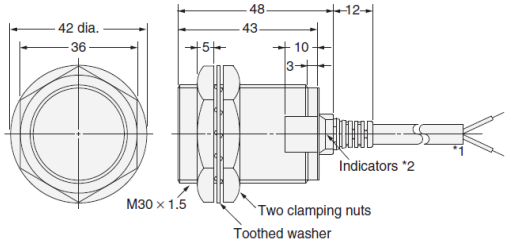
*1. 4-dia. vinyl-insulated round cable with 2 conductors (Flame-resistant, Conductor cross section: 0.3 mm^2, Insulator diameter: 1.3 mm), Standard length: 2 m
The cable can be extended up to 200 m (separate metal conduit).
*2. Operation indicator (red), Setting indicator (green)

E2EQ-X8X1



*1. 6-dia. vinyl-insulated round cable with 2 conductors (Flame-resistant, Conductor cross section: 0.5 mm^2, Insulator diameter: 1.9 mm), Standard length: 2 m
The cable can be extended up to 200 m (separate metal conduit).
*2. Operation indicator (red), Setting indicator (green)

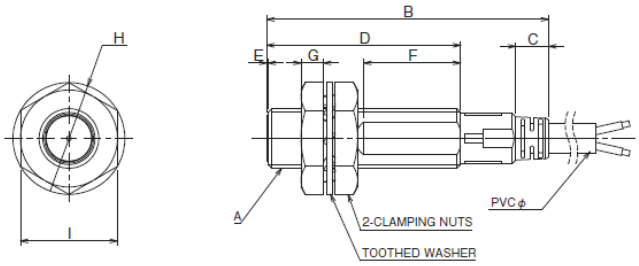
E2EQ-X15X1



*1. 6-dia. vinyl-insulated round cable with 2 conductors (Flame-resistant, Conductor cross section: 0.5 mm^2, Insulator diameter: 1.9 mm), Standard length: 2 m
The cable can be extended up to 200 m (separate metal conduit).
*2. Operation indicator (red), Setting indicator (green)

Recommendable replacement
Model E2EQ DC 2w Series

Pre-wired type



(Unit:mm)

	Type	A	B	C	D	E	F	G	H	I
Shield	E2E-X2D□	M8X1	37.8	4.4	26	-	13	3	15	13
	E2E-X3D□/E2E(Q)-X4D□	M12X1	47.1	3.7	33	-	13 (10)	4	21	17
	E2E-X7D□/E2E(Q)-X8D□	M18X1	55.3	8.5	38	-	13 (10)	4	29	24
	E2E-X10D□E2E(Q)-X15D□	M30X1.5	60.3	8.3	43	-	13 (10)	5	42	36
	E2E-X3D□L	M12X1	69.1	3.7	55	-	10	4	21	17
	E2E--X7D□L	M18X1	77.3	8.5	60	-	10	4	29	24
	E2E-X10D□L	M30X1.5	82.3	8.3	65	-	10	5	42	36



Vinyl-insulated round cabele with 2 conductors
M8,M12 ：φ4 （Conductor cross section:0.3 mm^2,
Insulator diameter：1.15mm）
M18,M30：φ6 （Conductor cross section:0.5 mm^2,
Insulator diameter：1.15mm）

[Characteristics]

Item	Product discontinuation Model E2E/E2E2 DC 2w Series	Recommendable replacement Model E2E DC 2w Series
Indicators	**D1 Models: Operation indicator(red) Sitting indicator(green) D2 Models: Operation indicator(red)**	**D1 Models: Operation indicator(orange) Sitting indicator(green) D2 Models: Operation indicator(orange)**

Item	Product discontinuation Model E2EM/E2EQ DC 2w Series	Recommendable replacement Model E2EM/E2EQ DC 2w Series
Indicators	**D1 Models: Operation indicator(red) Sitting indicator(green) D2 Models: Operation indicator(red)**	**D1 Models: Operation indicator(orange) Sitting indicator(green) D2 Models: Operation indicator(orange)**
Temperature influnece	**±15% max. of sensing distance at 23℃ in the temperature range of -25 to 70℃**	**±10% max. of sensing distance at 23℃ in the temperature range of -25 to 70℃**

[Operation ratings]

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.