

E2EW Series

Ordering Information

PREMIUM Model

E2EW Series (Quadruple distance model)

DC 3-wire [Refer to *Ratings and Specifications* on page 24, *Dimensions* on page 38.]

Size (Sensing distance)	Connection method	Operation mode	Model	
			PNP	NPN
M12 (7 mm)	Pre-wired (2 m) *1	NO	E2EW-X7B1T12 2M	E2EW-X7C112 2M
		NC	E2EW-X7B212 2M	E2EW-X7C212 2M
		NO+NC	E2EW-X7B3T12 2M	E2EW-X7C312 2M
	M12 Pre-wired Smartclick Connector (0.3 m)	NO	E2EW-X7B1T12-M1TJ 0.3M	E2EW-X7C112-M1TJ 0.3M
		NC	E2EW-X7B212-M1TJ 0.3M	E2EW-X7C212-M1TJ 0.3M
		NO+NC	E2EW-X7B3T12-M1TJ 0.3M	E2EW-X7C312-M1TJ 0.3M
	M12 Connector	NO	E2EW-X7B1T12-M1	E2EW-X7C112-M1
		NC	E2EW-X7B212-M1	E2EW-X7C212-M1
		NO+NC	E2EW-X7B3T12-M1	E2EW-X7C312-M1
M18 (12 mm)	Pre-wired (2 m) *1	NO	E2EW-X12B1T18 2M	E2EW-X12C118 2M
		NC	E2EW-X12B218 2M	E2EW-X12C218 2M
		NO+NC	E2EW-X12B3T18 2M	E2EW-X12C318 2M
	M18 Pre-wired Smartclick Connector (0.3 m)	NO	E2EW-X12B1T18-M1TJ 0.3M	E2EW-X12C118-M1TJ 0.3M
		NC	E2EW-X12B218-M1TJ 0.3M	E2EW-X12C218-M1TJ 0.3M
		NO+NC	E2EW-X12B3T18-M1TJ 0.3M	E2EW-X12C318-M1TJ 0.3M
	M12 Connector	NO	E2EW-X12B1T18-M1	E2EW-X12C118-M1
		NC	E2EW-X12B218-M1	E2EW-X12C218-M1
		NO+NC	E2EW-X12B3T18-M1	E2EW-X12C318-M1
M30 (22 mm)	Pre-wired (2 m) *1	NO	E2EW-X22B1T30 2M	E2EW-X22C130 2M
		NC	E2EW-X22B230 2M	E2EW-X22C230 2M
		NO+NC	E2EW-X22B3T30 2M	E2EW-X22C330 2M
	M12 Pre-wired Smartclick Connector (0.3 m)	NO	E2EW-X22B1T30-M1TJ 0.3M	E2EW-X22C130-M1TJ 0.3M
		NC	E2EW-X22B230-M1TJ 0.3M	E2EW-X22C230-M1TJ 0.3M
		NO+NC	E2EW-X22B3T30-M1TJ 0.3M	E2EW-X22C330-M1TJ 0.3M
	M12 Connector	NO	E2EW-X22B1T30-M1	E2EW-X22C130-M1
		NC	E2EW-X22B230-M1	E2EW-X22C230-M1
		NO+NC	E2EW-X22B3T30-M1	E2EW-X22C330-M1

*1. Models with 5-m cable length are also available with "5M" suffix. (Example: E2EW-X7B1T12 5M)

Note: 1. When embedding the Proximity Sensor in metal, refer to *Influence of Surrounding Metal* on page 36.

2. Models in are equipped with IO-Link (COM3). For IO-Link (COM2), select a model number with the format of "E2EW-X□□□D□" (Example: E2EW-X7B1D12 2M).

Operation mode NO can be changed to NC via IO-Link communications.

3. IO-Link is not supported for NC-type PNP outputs or all types of NPN outputs.

PREMIUM Model

E2EW Series (Triple distance model)

DC 3-wire [Refer to *Ratings and Specifications* on page 24, *Dimensions* on page 38.]

Size (Sensing distance)	Connection method	Operation mode	Model	
			PNP	NPN
M12 (6 mm)	Pre-wired (2 m) *1	NO	E2EW-X6B1T12 2M	E2EW-X6C112 2M
		NC	E2EW-X6B212 2M	E2EW-X6C212 2M
		NO+NC	E2EW-X6B3T12 2M	E2EW-X6C312 2M
	M12 Pre-wired Smartclick Connector (0.3 m)	NO	E2EW-X6B1T12-M1TJ 0.3M	E2EW-X6C112-M1TJ 0.3M
		NC	E2EW-X6B212-M1TJ 0.3M	E2EW-X6C212-M1TJ 0.3M
		NO+NC	E2EW-X6B3T12-M1TJ 0.3M	E2EW-X6C312-M1TJ 0.3M
	M12 Connector	NO	E2EW-X6B1T12-M1	E2EW-X6C112-M1
		NC	E2EW-X6B212-M1	E2EW-X6C212-M1
		NO+NC	E2EW-X6B3T12-M1	E2EW-X6C312-M1
M18 (10 mm)	Pre-wired (2 m) *1	NO	E2EW-X10B1T18 2M	E2EW-X10C118 2M
		NC	E2EW-X10B218 2M	E2EW-X10C218 2M
		NO+NC	E2EW-X10B3T18 2M	E2EW-X10C318 2M
	M12 Pre-wired Smartclick Connector (0.3 m)	NO	E2EW-X10B1T18-M1TJ 0.3M	E2EW-X10C118-M1TJ 0.3M
		NC	E2EW-X10B218-M1TJ 0.3M	E2EW-X10C218-M1TJ 0.3M
		NO+NC	E2EW-X10B3T18-M1TJ 0.3M	E2EW-X10C318-M1TJ 0.3M
	M12 Connector	NO	E2EW-X10B1T18-M1	E2EW-X10C118-M1
		NC	E2EW-X10B218-M1	E2EW-X10C218-M1
		NO+NC	E2EW-X10B3T18-M1	E2EW-X10C318-M1
M30 (20 mm)	Pre-wired (2 m) *1	NO	E2EW-X20B1T30 2M	E2EW-X20C130 2M
		NC	E2EW-X20B230 2M	E2EW-X20C230 2M
		NO+NC	E2EW-X20B3T30 2M	E2EW-X20C330 2M
	M12 Pre-wired Smartclick Connector (0.3 m)	NO	E2EW-X20B1T30-M1TJ 0.3M	E2EW-X20C130-M1TJ 0.3M
		NC	E2EW-X20B230-M1TJ 0.3M	E2EW-X20C230-M1TJ 0.3M
		NO+NC	E2EW-X20B3T30-M1TJ 0.3M	E2EW-X20C330-M1TJ 0.3M
	M12 Connector	NO	E2EW-X20B1T30-M1	E2EW-X20C130-M1
		NC	E2EW-X20B230-M1	E2EW-X20C230-M1
		NO+NC	E2EW-X20B3T30-M1	E2EW-X20C330-M1

*1. Models with 5-m cable length are also available with "5M" suffix. (Example: E2EW-X6B1T12 5M)

Note: 1. When embedding the Proximity Sensor in metal, refer to *Influence of Surrounding Metal* on page 36.2. Models in are equipped with IO-Link (COM3). For IO-Link (COM2), select a model number with the format of "E2EW-X " (Example: E2EW-X6B1D12 2M).
Operation mode NO can be changed to NC via IO-Link communications.

3. IO-Link is not supported for NC-type PNP outputs or all types of NPN outputs.

PREMIUM Model

E2EW-Q Series (Spatter-resistant Quadruple distance model)

DC 3-wire [Refer to Ratings and Specifications on page 24, Dimensions on page 38.]

Size (Sensing distance)	Connection method	Operation mode	Model	
			PNP	NPN
M12 (7 mm)	Pre-wired (2 m) *1	NO	E2EW-QX7B1T12 2M	E2EW-QX7C112 2M
		NC	E2EW-QX7B212 2M	E2EW-QX7C212 2M
		NO+NC	E2EW-QX7B3T12 2M	E2EW-QX7C312 2M
	M12 Pre-wired Smartclick Connector (0.3 m)	NO	E2EW-QX7B1T12-M1TJ 0.3M	E2EW-QX7C112-M1TJ 0.3M
		NC	E2EW-QX7B212-M1TJ 0.3M	E2EW-QX7C212-M1TJ 0.3M
		NO+NC	E2EW-QX7B3T12-M1TJ 0.3M	E2EW-QX7C312-M1TJ 0.3M
	M12 Connector	NO	E2EW-QX7B1T12-M1	E2EW-QX7C112-M1
		NC	E2EW-QX7B212-M1	E2EW-QX7C212-M1
		NO+NC	E2EW-QX7B3T12-M1	E2EW-QX7C312-M1
M18 (12 mm)	Pre-wired (2 m) *1	NO	E2EW-QX12B1T18 2M	E2EW-QX12C118 2M
		NC	E2EW-QX12B218 2M	E2EW-QX12C218 2M
		NO+NC	E2EW-QX12B3T18 2M	E2EW-QX12C318 2M
	M12 Pre-wired Smartclick Connector (0.3 m)	NO	E2EW-QX12B1T18-M1TJ 0.3M	E2EW-QX12C118-M1TJ 0.3M
		NC	E2EW-QX12B218-M1TJ 0.3M	E2EW-QX12C218-M1TJ 0.3M
		NO+NC	E2EW-QX12B3T18-M1TJ 0.3M	E2EW-QX12C318-M1TJ 0.3M
	M12 Connector	NO	E2EW-QX12B1T18-M1	E2EW-QX12C118-M1
		NC	E2EW-QX12B218-M1	E2EW-QX12C218-M1
		NO+NC	E2EW-QX12B3T18-M1	E2EW-QX12C318-M1
M30 (22 mm)	Pre-wired (2 m) *1	NO	E2EW-QX22B1T30 2M	E2EW-QX22C130 2M
		NC	E2EW-QX22B230 2M	E2EW-QX22C230 2M
		NO+NC	E2EW-QX22B3T30 2M	E2EW-QX22C330 2M
	M12 Pre-wired Smartclick Connector (0.3 m)	NO	E2EW-QX22B1T30-M1TJ 0.3M	E2EW-QX22C130-M1TJ 0.3M
		NC	E2EW-QX22B230-M1TJ 0.3M	E2EW-QX22C230-M1TJ 0.3M
		NO+NC	E2EW-QX22B3T30-M1TJ 0.3M	E2EW-QX22C330-M1TJ 0.3M
	M12 Connector	NO	E2EW-QX22B1T30-M1	E2EW-QX22C130-M1
		NC	E2EW-QX22B230-M1	E2EW-QX22C230-M1
		NO+NC	E2EW-QX22B3T30-M1	E2EW-QX22C330-M1

*1. Models with 5-m cable length are also available with "5M" suffix. (Example: E2EW-QX7B1T12 5M)

- Note:**
- When embedding the Proximity Sensor in metal, refer to *Influence of Surrounding Metal* on page 36.
 - Models in are equipped with IO-Link (COM3). For IO-Link (COM2), select a model number with the format of "E2EW-QX " (Example: E2EW-QX7B1D12 2M).
Operation mode NO can be changed to NC via IO-Link communications.
 - IO-Link is not supported for NC-type PNP outputs or all types of NPN outputs.

PREMIUM Model

E2EW-Q Series (Spatter-resistant Triple distance model)DC 3-wire [Refer to *Ratings and Specifications* on page 24, *Dimensions* on page 38.]

Size (Sensing distance)	Connection method	Operation mode	Model	
			PNP	NPN
M12 (6 mm)	Pre-wired (2 m) *1	NO	E2EW-QX6B1T12 2M	E2EW-QX6C112 2M
		NC	E2EW-QX6B212 2M	E2EW-QX6C212 2M
		NO+NC	E2EW-QX6B3T12 2M	E2EW-QX6C312 2M
	M12 Pre-wired Smartclick Connector (0.3 m)	NO	E2EW-QX6B1T12-M1TJ 0.3M	E2EW-QX6C112-M1TJ 0.3M
		NC	E2EW-QX6B212-M1TJ 0.3M	E2EW-QX6C212-M1TJ 0.3M
		NO+NC	E2EW-QX6B3T12-M1TJ 0.3M	E2EW-QX6C312-M1TJ 0.3M
	M12 Connector	NO	E2EW-QX6B1T12-M1	E2EW-QX6C112-M1
		NC	E2EW-QX6B212-M1	E2EW-QX6C212-M1
		NO+NC	E2EW-QX6B3T12-M1	E2EW-QX6C312-M1
M18 (10 mm)	Pre-wired (2 m) *1	NO	E2EW-QX10B1T18 2M	E2EW-QX10C118 2M
		NC	E2EW-QX10B218 2M	E2EW-QX10C218 2M
		NO+NC	E2EW-QX10B3T18 2M	E2EW-QX10C318 2M
	M12 Pre-wired Smartclick Connector (0.3 m)	NO	E2EW-QX10B1T18-M1TJ 0.3M	E2EW-QX10C118-M1TJ 0.3M
		NC	E2EW-QX10B218-M1TJ 0.3M	E2EW-QX10C218-M1TJ 0.3M
		NO+NC	E2EW-QX10B3T18-M1TJ 0.3M	E2EW-QX10C318-M1TJ 0.3M
	M12 Connector	NO	E2EW-QX10B1T18-M1	E2EW-QX10C118-M1
		NC	E2EW-QX10B218-M1	E2EW-QX10C218-M1
		NO+NC	E2EW-QX10B3T18-M1	E2EW-QX10C318-M1
M30 (20 mm)	Pre-wired (2 m) *1	NO	E2EW-QX20B1T30 2M	E2EW-QX20C130 2M
		NC	E2EW-QX20B230 2M	E2EW-QX20C230 2M
		NO+NC	E2EW-QX20B3T30 2M	E2EW-QX20C330 2M
	M12 Pre-wired Smartclick Connector (0.3 m)	NO	E2EW-QX20B1T30-M1TJ 0.3M	E2EW-QX20C130-M1TJ 0.3M
		NC	E2EW-QX20B230-M1TJ 0.3M	E2EW-QX20C230-M1TJ 0.3M
		NO+NC	E2EW-QX20B3T30-M1TJ 0.3M	E2EW-QX20C330-M1TJ 0.3M
	M12 Connector	NO	E2EW-QX20B1T30-M1	E2EW-QX20C130-M1
		NC	E2EW-QX20B230-M1	E2EW-QX20C230-M1
		NO+NC	E2EW-QX20B3T30-M1	E2EW-QX20C330-M1

*1. Models with 5-m cable length are also available with "5M" suffix. (Example: E2EW-QX6B1T12 5M)

Note: 1. When embedding the Proximity Sensor in metal, refer to *Influence of Surrounding Metal* on page 36.2. Models in are equipped with IO-Link (COM3). For IO-Link (COM2), select a model number with the format of "E2EW-QX " (Example: E2EW-QX6B1D12 2M).
Operation mode NO can be changed to NC via IO-Link communications.

3. IO-Link is not supported for NC-type PNP outputs or all types of NPN outputs.

E2EW Series

BASIC Model

E2EW Series (Double distance model)

DC 3-wire [Refer to *atings and Specifications* on page 25, *Dimensions* on page 39.]

Size (Sensing distance)	Connection method	Operation mode *2	Model	
			PNP	NPN
M12 (3 mm)	Pre-wired (2 m) *1	NO	E2EW-X3B112 2M	E2EW-X3C112 2M
		NO+NC	E2EW-X3B312 2M	E2EW-X3C312 2M
	M12 Pre-wired Smartclick Connector (0.3 m)	NO	E2EW-X3B112-M1TJ 0.3M	E2EW-X3C112-M1TJ 0.3M
		NO+NC	E2EW-X3B312-M1TJ 0.3M	E2EW-X3C312-M1TJ 0.3M
M18 (7 mm)	Pre-wired (2 m) *1	NO	E2EW-X7B118 2M	E2EW-X7C118 2M
		NO+NC	E2EW-X7B318 2M	E2EW-X7C318 2M
	M12 Pre-wired Smartclick Connector (0.3 m)	NO	E2EW-X7B118-M1TJ 0.3M	E2EW-X7C118-M1TJ 0.3M
		NO+NC	E2EW-X7B318-M1TJ 0.3M	E2EW-X7C318-M1TJ 0.3M
M30 (12 mm)	Pre-wired (2 m) *1	NO	E2EW-X12B130 2M	E2EW-X12C130 2M
		NO+NC	E2EW-X12B330 2M	E2EW-X12C330 2M
	M12 Pre-wired Smartclick Connector (0.3 m)	NO	E2EW-X12B130-M1TJ 0.3M	E2EW-X12C130-M1TJ 0.3M
		NO+NC	E2EW-X12B330-M1TJ 0.3M	E2EW-X12C330-M1TJ 0.3M

BASIC Model

E2EW Series (Single distance model)

DC 3-wire [Refer to *atings and Specifications* on page 25, *Dimensions* on page 39, 40.]

Size (Sensing distance)	Connection method	Operation mode *2	Model	
			PNP	NPN
M8 (1.5 mm)	Pre-wired (2 m)	NO	E2EW-X1R5B18 2M	E2EW-X1R5C18 2M
	M12 Connector	NO	E2EW-X1R5B18-M1	E2EW-X1R5C18-M1
M12 (2 mm)	Pre-wired (2 m) *1	NO	E2EW-X2B112 2M	E2EW-X2C112 2M
		NO+NC	E2EW-X2B312 2M	E2EW-X2C312 2M
	M12 Pre-wired Smartclick Connector (0.3 m)	NO	E2EW-X2B112-M1TJ 0.3M	E2EW-X2C112-M1TJ 0.3M
		NO+NC	E2EW-X2B312-M1TJ 0.3M	E2EW-X2C312-M1TJ 0.3M
	M12 Connector	NO	E2EW-X2B112-M1	E2EW-X2C112-M1
		NC	E2EW-X2B212-M1	E2EW-X2C212-M1
M18 (5 mm)	Pre-wired (2 m) *1	NO	E2EW-X5B118 2M	E2EW-X5C118 2M
		NO+NC	E2EW-X5B318 2M	E2EW-X5C318 2M
	M12 Pre-wired Smartclick Connector (0.3 m)	NO	E2EW-X5B118-M1TJ 0.3M	E2EW-X5C118-M1TJ 0.3M
		NO+NC	E2EW-X5B318-M1TJ 0.3M	E2EW-X5C318-M1TJ 0.3M
	M12 Connector	NO	E2EW-X5B118-M1	E2EW-X5C118-M1
		NC	E2EW-X5B218-M1	E2EW-X5C218-M1
M30 (10 mm)	Pre-wired (2 m) *1	NO	E2EW-X10B130 2M	E2EW-X10C130 2M
		NO+NC	E2EW-X10B330 2M	E2EW-X10C330 2M
	M12 Pre-wired Smartclick Connector (0.3 m)	NO	E2EW-X10B130-M1TJ 0.3M	E2EW-X10C130-M1TJ 0.3M
		NO+NC	E2EW-X10B330-M1TJ 0.3M	E2EW-X10C330-M1TJ 0.3M
	M12 Connector	NO	E2EW-X10B130-M1	E2EW-X10C130-M1
		NC	E2EW-X10B230-M1	E2EW-X10C230-M1

*1. Models with 5-m cable length are also available with "5M" suffix. (Example: E2EW-X3B112 5M)

*2. Operation model NC are also available with "E2EW-X□□2□□". (Example: E2EW-X3B212 2M)
The NC type is not available for M12 Connector model in M8 size sensors.

Note: 1. When embedding the Proximity Sensor in metal, refer to *Influence of Surrounding Metal* on page 36.

2. IO-Link is not supported for all types of BASIC Model.

BASIC Model

E2EW-Q Series (Spatter-resistant Double distance model)

DC 3-wire [Refer to *Ratings and Specifications* on page 25, *Dimensions* on page 39.]

Size (Sensing distance)	Connection method	Operation mode *2	Model	
			PNP	NPN
M12 (3 mm)	Pre-wired (2 m) *1	NO	E2EW-QX3B112 2M	E2EW-QX3C112 2M
		NO+NC	E2EW-QX3B312 2M	E2EW-QX3C312 2M
	M12 Pre-wired Smartclick Connector (0.3 m)	NO	E2EW-QX3B112-M1TJ 0.3M	E2EW-QX3C112-M1TJ 0.3M
		NO+NC	E2EW-QX3B312-M1TJ 0.3M	E2EW-QX3C312-M1TJ 0.3M
M18 (7 mm)	Pre-wired (2 m) *1	NO	E2EW-QX7B118 2M	E2EW-QX7C118 2M
		NO+NC	E2EW-QX7B318 2M	E2EW-QX7C318 2M
	M12 Pre-wired Smartclick Connector (0.3 m)	NO	E2EW-QX7B118-M1TJ 0.3M	E2EW-QX7C118-M1TJ 0.3M
		NO+NC	E2EW-QX7B318-M1TJ 0.3M	E2EW-QX7C318-M1TJ 0.3M
M30 (12 mm)	Pre-wired (2 m) *1	NO	E2EW-QX12B130 2M	E2EW-QX12C130 2M
		NO+NC	E2EW-QX12B330 2M	E2EW-QX12C330 2M
	M12 Pre-wired Smartclick Connector (0.3 m)	NO	E2EW-QX12B130-M1TJ 0.3M	E2EW-QX12C130-M1TJ 0.3M
		NO+NC	E2EW-QX12B330-M1TJ 0.3M	E2EW-QX12C330-M1TJ 0.3M

BASIC Model

E2EW-Q Series (Spatter-resistant Single distance model)

DC 3-wire [Refer to *Ratings and Specifications* on page 25, *Dimensions* on page 39, 40.]

Size (Sensing distance)	Connection method	Operation mode *2	Model	
			PNP	NPN
M8 (1.5 mm)	M12 Connector	NO	E2EW-QX1R5B18-M1	---
M12 (2 mm)	Pre-wired (2 m) *1	NO	E2EW-QX2B112 2M	E2EW-QX2C112 2M
		NO+NC	E2EW-QX2B312 2M	E2EW-QX2C312 2M
	M12 Pre-wired Smartclick Connector (0.3 m)	NO	E2EW-QX2B112-M1TJ 0.3M	E2EW-QX2C112-M1TJ 0.3M
		NO+NC	E2EW-QX2B312-M1TJ 0.3M	E2EW-QX2C312-M1TJ 0.3M
M18 (5 mm)	Pre-wired (2 m) *1	NO	E2EW-QX5B118 2M	E2EW-QX5C118 2M
		NO+NC	E2EW-QX5B318 2M	E2EW-QX5C318 2M
	M12 Pre-wired Smartclick Connector (0.3 m)	NO	E2EW-QX5B118-M1TJ 0.3M	E2EW-QX5C118-M1TJ 0.3M
		NO+NC	E2EW-QX5B318-M1TJ 0.3M	E2EW-QX5C318-M1TJ 0.3M
M30 (10 mm)	Pre-wired (2 m) *1	NO	E2EW-QX10B130 2M	E2EW-QX10C130 2M
		NO+NC	E2EW-QX10B330 2M	E2EW-QX10C330 2M
	M12 Pre-wired Smartclick Connector (0.3 m)	NO	E2EW-QX10B130-M1TJ 0.3M	E2EW-QX10C130-M1TJ 0.3M
		NO+NC	E2EW-QX10B330-M1TJ 0.3M	E2EW-QX10C330-M1TJ 0.3M

*1. Models with 5-m cable length are also available with "5M" suffix. (Example: E2EW-QX3B112 5M)

*2. Operation model NC are also available with "E2EW-QX□□2□□". (Example: E2EW-QX3B212 2M)
The NC type are not available for M8 size sensors.

Note: 1. When embedding the Proximity Sensor in metal, refer to *Influence of Surrounding Metal* on page 36.
2. IO-Link is not supported for all types of BASIC Model.

E2EW Series

BASIC Model

E2EW Series (Double distance model)

DC 2-wire [Refer to Ratings and Specifications on page 26, Dimensions on page 39.]

Size (Sensing distance)	Connection method	Polarity	Model	
			Operation mode: NO	Operation mode: NC
M8 (2 mm)	Pre-wired (2 m)	Yes	E2EW-X2D18 2M *1	---
		No	E2EW-X2D18-T 2M	---
	M12 Pre-wired Smartclick Connector (0.3 m)	Yes	E2EW-X2D18-M1TGJ 0.3M	---
		No	E2EW-X2D18-M1TGJ-T 0.3M	---
M12 (3 mm)	Pre-wired (2 m) *1	Yes	E2EW-X3D112 2M	E2EW-X3D212 2M
	M12 Pre-wired Smartclick Connector (0.3 m)	Yes	E2EW-X3D112-M1TGJ 0.3M	---
		No	E2EW-X3D112-M1TGJ-T 0.3M	---
M18 (7 mm)	Pre-wired (2 m) *1	Yes	E2EW-X7D118 2M	E2EW-X7D218 2M
	M12 Pre-wired Smartclick Connector (0.3 m)	Yes	E2EW-X7D118-M1TGJ 0.3M	---
		No	E2EW-X7D118-M1TGJ-T 0.3M	---
M30 (12 mm)	Pre-wired (2 m) *1	Yes	E2EW-X12D130 2M	E2EW-X12D230 2M
	M12 Pre-wired Smartclick Connector (0.3 m)	Yes	E2EW-X12D130-M1TGJ 0.3M	---
		No	E2EW-X12D130-M1TGJ-T 0.3M	---

BASIC Model

E2EW Series (Single distance model)

DC 2-wire [Refer to Ratings and Specifications on page 26, Dimensions on page 39.]

Size (Sensing distance)	Connection method	Polarity	Model	
			Operation mode: NO	Operation mode: NC
M8 (1.5 mm)	Pre-wired (2 m)	Yes	E2EW-X1R5D18 2M *1	E2EW-X1R5D28 2M
		No	E2EW-X1R5D18-T 2M	---
	M12 Pre-wired Smartclick Connector (0.3 m)	Yes	E2EW-X1R5D18-M1TGJ 0.3M	---
		No	E2EW-X1R5D18-M1TGJ-T 0.3M	---
M12 (2 mm)	Pre-wired (2 m) *1	Yes	E2EW-X2D112 2M	E2EW-X2D212 2M
	M12 Pre-wired Smartclick Connector (0.3 m)	Yes	E2EW-X2D112-M1TGJ 0.3M	---
		No	E2EW-X2D112-M1TGJ-T 0.3M	---
M18 (5 mm)	Pre-wired (2 m) *1	Yes	E2EW-X5D118 2M	E2EW-X5D218 2M
	M12 Pre-wired Smartclick Connector (0.3 m)	Yes	E2EW-X5D118-M1TGJ 0.3M	---
		No	E2EW-X5D118-M1TGJ-T 0.3M	---
M30 (10 mm)	Pre-wired (2 m) *1	Yes	E2EW-X10D130 2M	E2EW-X10D230 2M
	M12 Pre-wired Smartclick Connector (0.3 m)	Yes	E2EW-X10D130-M1TGJ 0.3M	---
		No	E2EW-X10D130-M1TGJ-T 0.3M	---

*1. Models with 5-m cable length are also available with "5M" suffix. (Example: E2EW-X3D112 5M)

Note: 1. When embedding the Proximity Sensor in metal, refer to *Influence of Surrounding Metal* on page 36.
2. IO-Link is not supported for BASIC Model.

BASIC Model

E2EW-Q Series (Spatter-resistant Double distance model)DC 2-wire [Refer to *Ratings and Specifications* on page 26, *Dimensions* on page 39.]

Size (Sensing distance)	Connection method	Polarity	Model	
			Operation mode: NO	Operation mode: NC
M8 (2 mm)	Pre-wired (2 m)	Yes	E2EW-QX2D18 2M *1	---
	M12 Pre-wired Smartclick Connector (0.3 m)	Yes	E2EW-QX2D18-M1TGJ 0.3M	---
M12 (3 mm)	Pre-wired (2 m)	Yes	E2EW-QX3D112 2M *1	E2EW-QX3D212 2M
	M12 Pre-wired Smartclick Connector (0.3 m)	Yes	E2EW-QX3D112-M1TGJ 0.3M	---
		No	E2EW-QX3D112-M1TGJ-T 0.3M	---
M18 (7 mm)	Pre-wired (2 m)	Yes	E2EW-QX7D118 2M *1	E2EW-QX7D218 2M
	M12 Pre-wired Smartclick Connector (0.3 m)	Yes	E2EW-QX7D118-M1TGJ 0.3M	---
		No	E2EW-QX7D118-M1TGJ-T 0.3M	---
M30 (12 mm)	Pre-wired (2 m)	Yes	E2EW-QX12D130 2M *1	E2EW-QX12D230 2M
	M12 Pre-wired Smartclick Connector (0.3 m)	Yes	E2EW-QX12D130-M1TGJ 0.3M	---
		No	E2EW-QX12D130-M1TGJ-T 0.3M	---

BASIC Model

E2EW-Q Series (Spatter-resistant Single distance model)DC 2-wire [Refer to *Ratings and Specifications* on page 26, *Dimensions* on page 39.]

Size (Sensing distance)	Connection method	Polarity	Model	
			Operation mode: NO	Operation mode: NC
M8 (1.5 mm)	Pre-wired (2 m)	Yes	E2EW-QX1R5D18 2M *1	---
	M12 Pre-wired Smartclick Connector (0.3 m)	Yes	E2EW-QX1R5D18-M1TGJ 0.3M	---
		No	E2EW-QX1R5D18-M1TGJ-T 0.3M	---
M12 (2 mm)	Pre-wired (2 m)	Yes	E2EW-QX2D112 2M *1	E2EW-QX2D212 2M
	M12 Pre-wired Smartclick Connector (0.3 m)	Yes	E2EW-QX2D112-M1TGJ 0.3M	---
		No	E2EW-QX2D112-M1TGJ-T 0.3M	---
M18 (5 mm)	Pre-wired (2 m)	Yes	E2EW-QX5D118 2M *1	E2EW-QX5D218 2M
	M12 Pre-wired Smartclick Connector (0.3 m)	Yes	E2EW-QX5D118-M1TGJ 0.3M	---
		No	E2EW-QX5D118-M1TGJ-T 0.3M	---
M30 (10 mm)	Pre-wired (2 m)	Yes	E2EW-QX10D130 2M *1	E2EW-QX10D230 2M
	M12 Pre-wired Smartclick Connector (0.3 m)	Yes	E2EW-QX10D130-M1TGJ 0.3M	---
		No	E2EW-QX10D130-M1TGJ-T 0.3M	---

*1. Models with 5-m cable length are also available with "5M" suffix. (Example: E2EW-QX3D112 5M)

Note: 1. When embedding the Proximity Sensor in metal, refer to *Influence of Surrounding Metal* on page 36.

2. IO-Link is not supported for BASIC Model.