

Ordering Information

PREMIUM Model

E2E NEXT Series (Quadruple distance model)

DC 3-wire [Refer to *Dimensions* on page 64.]

Shielded *1

Size (Sensing distance)	Connection method	Body size	Operation mode	Model		
				PNP	NPN	
M8 (4 mm)	Pre-wired (2 m) *2	38 mm *3	NO	E2E-X4B1D8 2M	E2E-X4C18 2M	
			NC	E2E-X4B28 2M	E2E-X4C28 2M	
		48 mm	NO	E2E-X4B1DL8 2M	E2E-X4C1L8 2M	
			NC	E2E-X4B2L8 2M	E2E-X4C2L8 2M	
	M12 Pre-wired Smartclick Connector (0.3 m)	38 mm *4	NO	E2E-X4B1D8-M1TJ 0.3M	E2E-X4C18-M1TJ 0.3M	
			NC	E2E-X4B28-M1TJ 0.3M	E2E-X4C28-M1TJ 0.3M	
		48 mm	NO	E2E-X4B1DL8-M1TJ 0.3M	E2E-X4C1L8-M1TJ 0.3M	
			NC	E2E-X4B2L8-M1TJ 0.3M	E2E-X4C2L8-M1TJ 0.3M	
	M12 Connector	43 mm	NO	E2E-X4B1D8-M1	E2E-X4C18-M1	
			NC	E2E-X4B28-M1	E2E-X4C28-M1	
		53 mm	NO	E2E-X4B1DL8-M1	E2E-X4C1L8-M1	
			NC	E2E-X4B2L8-M1	E2E-X4C2L8-M1	
	M8 Connector (4-pin)	39 mm	NO	E2E-X4B1D8-M3	E2E-X4C18-M3	
			NC	E2E-X4B28-M3	E2E-X4C28-M3	
		49 mm	NO	E2E-X4B1DL8-M3	E2E-X4C1L8-M3	
			NC	E2E-X4B2L8-M3	E2E-X4C2L8-M3	
	M8 Connector (3-pin)	39 mm	NO	E2E-X4B1D8-M5	E2E-X4C18-M5	
			NC	E2E-X4B28-M5	E2E-X4C28-M5	
		49 mm	NO	E2E-X4B1DL8-M5	E2E-X4C1L8-M5	
			NC	E2E-X4B2L8-M5	E2E-X4C2L8-M5	
	M12 (9 mm)	Pre-wired (2 m) *2	47 mm *3	NO	E2E-X9B1D12 2M	E2E-X9C112 2M
				NC	E2E-X9B212 2M	E2E-X9C212 2M
			69 mm	NO	E2E-X9B1DL12 2M	E2E-X9C1L12 2M
				NC	E2E-X9B2L12 2M	E2E-X9C2L12 2M
M12 Pre-wired Smartclick Connector (0.3 m)		47 mm *4	NO	E2E-X9B1D12-M1TJ 0.3M	E2E-X9C112-M1TJ 0.3M	
			NC	E2E-X9B212-M1TJ 0.3M	E2E-X9C212-M1TJ 0.3M	
		69 mm	NO	E2E-X9B1DL12-M1TJ 0.3M	E2E-X9C1L12-M1TJ 0.3M	
			NC	E2E-X9B2L12-M1TJ 0.3M	E2E-X9C2L12-M1TJ 0.3M	
M12 Connector		48 mm	NO	E2E-X9B1D12-M1	E2E-X9C112-M1	
			NC	E2E-X9B212-M1	E2E-X9C212-M1	
		70 mm	NO	E2E-X9B1DL12-M1	E2E-X9C1L12-M1	
			NC	E2E-X9B2L12-M1	E2E-X9C2L12-M1	
M18 (14 mm)	Pre-wired (2 m) *2	55 mm *3	NO	E2E-X14B1D18 2M	E2E-X14C118 2M	
			NC	E2E-X14B218 2M	E2E-X14C218 2M	
		77 mm	NO	E2E-X14B1DL18 2M	E2E-X14C1L18 2M	
			NC	E2E-X14B2L18 2M	E2E-X14C2L18 2M	
	M12 Pre-wired Smartclick Connector (0.3 m)	55 mm *4	NO	E2E-X14B1D18-M1TJ 0.3M	E2E-X14C118-M1TJ 0.3M	
			NC	E2E-X14B218-M1TJ 0.3M	E2E-X14C218-M1TJ 0.3M	
		77 mm	NO	E2E-X14B1DL18-M1TJ 0.3M	E2E-X14C1L18-M1TJ 0.3M	
			NC	E2E-X14B2L18-M1TJ 0.3M	E2E-X14C2L18-M1TJ 0.3M	
	M12 Connector	53 mm	NO	E2E-X14B1D18-M1	E2E-X14C118-M1	
			NC	E2E-X14B218-M1	E2E-X14C218-M1	
		75 mm	NO	E2E-X14B1DL18-M1	E2E-X14C1L18-M1	
			NC	E2E-X14B2L18-M1	E2E-X14C2L18-M1	

E2E/E2EQ NEXT Series DC 3-wire

E2E/E2EQ NEXT Series DC 2-wire

XS5 NEXT Series

XS5

XS3

E2E/E2EQ NEXT Series

PREMIUM Model

Size (Sensing distance)	Connection method	Body size	Operation mode	Model	
				PNP	NPN
M30 (23 mm)	Pre-wired (2 m) *2	60 mm *2	NO	E2E-X23B1D30 2M	E2E-X23C130 2M
			NC	E2E-X23B230 2M	E2E-X23C230 2M
		82 mm	NO	E2E-X23B1DL30 2M	E2E-X23C1L30 2M
			NC	E2E-X23B2L30 2M	E2E-X23C2L30 2M
	M12 Pre-wired Smartclick Connector (0.3 m)	60 mm *4	NO	E2E-X23B1D30-M1TJ 0.3M	E2E-X23C130-M1TJ 0.3M
			NC	E2E-X23B230-M1TJ 0.3M	E2E-X23C230-M1TJ 0.3M
		82 mm	NO	E2E-X23B1DL30-M1TJ 0.3M	E2E-X23C1L30-M1TJ 0.3M
			NC	E2E-X23B2L30-M1TJ 0.3M	E2E-X23C2L30-M1TJ 0.3M
	M12 Connector	58 mm	NO	E2E-X23B1D30-M1	E2E-X23C130-M1
			NC	E2E-X23B230-M1	E2E-X23C230-M1
		80 mm	NO	E2E-X23B1DL30-M1	E2E-X23C1L30-M1
			NC	E2E-X23B2L30-M1	E2E-X23C2L30-M1

*1. When embedding the Proximity Sensor in metal, refer to *Influence of Surrounding Metal* on page 62.

*2. Models with 5-m cable length are also available with "5M" suffix. (Example: E2E-X9B1D12 5M)

*3. Models with 2-m and 5-m robot (bending-resistant) cables are also available with "-R" in the model number. (Example: E2E-X9B1D12-R 2M/ E2E-X9B1D12-R 5M)

*4. Models with M12 Smartclick connector model robot (bending-resistant) cables are also available with "R" in the model number. (Example: E2E-X9B1D12-M1TJR 0.3M)

Note: 1. Models in are equipped with IO-Link (COM2). For IO-Link (COM3), select a model number with the format of "E2E-X□□□□□" (Example: E2E-X9B1T12 2M).

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

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

PREMIUM Model

E2E NEXT Series (Quadruple distance model)

DC 3-wire [Refer to *Dimensions* on page 64.]

Unshielded

Size (Sensing distance)	Connection method	Body size	Operation mode	Model		
				PNP	NPN	
M8 (8 mm)	Pre-wired (2 m) *1	38 mm *2	NO	E2E-X8MB1D8 2M	E2E-X8MC18 2M	
			NC	E2E-X8MB28 2M	E2E-X8MC28 2M	
		48 mm	NO	E2E-X8MB1DL8 2M	E2E-X8MC1L8 2M	
			NC	E2E-X8MB2L8 2M	E2E-X8MC2L8 2M	
	M12 Pre-wired Smartclick Connector (0.3 m)	38 mm *3	NO	E2E-X8MB1D8-M1TJ 0.3M	E2E-X8MC18-M1TJ 0.3M	
			NC	E2E-X8MB28-M1TJ 0.3M	E2E-X8MC28-M1TJ 0.3M	
		48 mm	NO	E2E-X8MB1DL8-M1TJ 0.3M	E2E-X8MC1L8-M1TJ 0.3M	
			NC	E2E-X8MB2L8-M1TJ 0.3M	E2E-X8MC2L8-M1TJ 0.3M	
	M12 Connector	43 mm	NO	E2E-X8MB1D8-M1	E2E-X8MC18-M1	
			NC	E2E-X8MB28-M1	E2E-X8MC28-M1	
		53 mm	NO	E2E-X8MB1DL8-M1	E2E-X8MC1L8-M1	
			NC	E2E-X8MB2L8-M1	E2E-X8MC2L8-M1	
	M8 Connector (4-pin)	39 mm	NO	E2E-X8MB1D8-M3	E2E-X8MC18-M3	
			NC	E2E-X8MB28-M3	E2E-X8MC28-M3	
		49 mm	NO	E2E-X8MB1DL8-M3	E2E-X8MC1L8-M3	
			NC	E2E-X8MB2L8-M3	E2E-X8MC2L8-M3	
	M8 Connector (3-pin)	39 mm	NO	E2E-X8MB1D8-M5	E2E-X8MC18-M5	
			NC	E2E-X8MB28-M5	E2E-X8MC28-M5	
		49 mm	NO	E2E-X8MB1DL8-M5	E2E-X8MC1L8-M5	
			NC	E2E-X8MB2L8-M5	E2E-X8MC2L8-M5	
	M12 (16 mm)	Pre-wired (2 m) *1	47 mm *2	NO	E2E-X16MB1D12 2M	E2E-X16MC112 2M
				NC	E2E-X16MB212 2M	E2E-X16MC212 2M
			69 mm	NO	E2E-X16MB1DL12 2M	E2E-X16MC1L12 2M
				NC	E2E-X16MB2L12 2M	E2E-X16MC2L12 2M
M12 Pre-wired Smartclick Connector (0.3 m)		47 mm *3	NO	E2E-X16MB1D12-M1TJ 0.3M	E2E-X16MC112-M1TJ 0.3M	
			NC	E2E-X16MB212-M1TJ 0.3M	E2E-X16MC212-M1TJ 0.3M	
		69 mm	NO	E2E-X16MB1DL12-M1TJ 0.3M	E2E-X16MC1L12-M1TJ 0.3M	
			NC	E2E-X16MB2L12-M1TJ 0.3M	E2E-X16MC2L12-M1TJ 0.3M	
M12 Connector		48 mm	NO	E2E-X16MB1D12-M1	E2E-X16MC112-M1	
			NC	E2E-X16MB212-M1	E2E-X16MC212-M1	
		70 mm	NO	E2E-X16MB1DL12-M1	E2E-X16MC1L12-M1	
			NC	E2E-X16MB2L12-M1	E2E-X16MC2L12-M1	
M18 (30 mm)	Pre-wired (2 m) *1	77 mm *2	NO	E2E-X30MB1DL18 2M	E2E-X30MC1L18 2M	
			NC	E2E-X30MB2L18 2M	E2E-X30MC2L18 2M	
	M12 Pre-wired Smartclick Connector (0.3 m)	77 mm *3	NO	E2E-X30MB1DL18-M1TJ 0.3M	E2E-X30MC1L18-M1TJ 0.3M	
			NC	E2E-X30MB2L18-M1TJ 0.3M	E2E-X30MC2L18-M1TJ 0.3M	
	M12 Connector	75 mm	NO	E2E-X30MB1DL18-M1	E2E-X30MC1L18-M1	
			NC	E2E-X30MB2L18-M1	E2E-X30MC2L18-M1	
M30 (50 mm)	Pre-wired (2 m) *1	97 mm *2	NO	E2E-X50MB1DL30 2M	E2E-X50MC1L30 2M	
			NC	E2E-X50MB2L30 2M	E2E-X50MC2L30 2M	
	M12 Pre-wired Smartclick Connector (0.3 m)	97 mm *3	NO	E2E-X50MB1DL30-M1TJ 0.3M	E2E-X50MC1L30-M1TJ 0.3M	
			NC	E2E-X50MB2L30-M1TJ 0.3M	E2E-X50MC2L30-M1TJ 0.3M	
	M12 Connector	95 mm	NO	E2E-X50MB1DL30-M1	E2E-X50MC1L30-M1	
			NC	E2E-X50MB2L30-M1	E2E-X50MC2L30-M1	

*1. Models with 5-m cable length are also available (Example: E2E-X16MB1D12 5M)

*2. Models with 2-m and 5-m robot (bending-resistant) cables are also available with "-R" in the model number. (Example: E2E-X16MB1D12-R 2M/E2E-X16MB1D12-R 5M)

*3. Models with M12 Smartclick connector model robot (bending-resistant) cables are also available with "R" in the model number. (Example: E2E-X16MB1D12-M1TJR 0.3M)

Note: 1. Models in are equipped with IO-Link (COM2). For IO-Link (COM3), select a model number with the format of "E2E-X " (Example: E2E-X16MB1T12 2M).

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

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

E2E/E2EQ NEXT Series

PREMIUM Model

E2E NEXT Series (Triple distance model)

DC 3-wire [Refer to *Dimensions* on page 64.]

Shielded *1

Size (Sensing distance)	Connection method	Body size	Operation mode	Model		
				PNP	NPN	
M8 (3 mm)	Pre-wired (2 m) *2	38 mm *3	NO	E2E-X3B1D8 2M	E2E-X3C18 2M	
			NC	E2E-X3B28 2M	E2E-X3C28 2M	
		48 mm	NO	E2E-X3B1DL8 2M	E2E-X3C1L8 2M	
			NC	E2E-X3B2L8 2M	E2E-X3C2L8 2M	
	M12 Pre-wired Smartclick Connector (0.3 m)	38 mm *4	NO	E2E-X3B1D8-M1TJ 0.3M	E2E-X3C18-M1TJ 0.3M	
			NC	E2E-X3B28-M1TJ 0.3M	E2E-X3C28-M1TJ 0.3M	
		48 mm	NO	E2E-X3B1DL8-M1TJ 0.3M	E2E-X3C1L8-M1TJ 0.3M	
			NC	E2E-X3B2L8-M1TJ 0.3M	E2E-X3C2L8-M1TJ 0.3M	
	M12 Connector	43 mm	NO	E2E-X3B1D8-M1	E2E-X3C18-M1	
			NC	E2E-X3B28-M1	E2E-X3C28-M1	
		53 mm	NO	E2E-X3B1DL8-M1	E2E-X3C1L8-M1	
			NC	E2E-X3B2L8-M1	E2E-X3C2L8-M1	
	M8 Connector (4-pin)	39 mm	NO	E2E-X3B1D8-M3	E2E-X3C18-M3	
			NC	E2E-X3B28-M3	E2E-X3C28-M3	
		49 mm	NO	E2E-X3B1DL8-M3	E2E-X3C1L8-M3	
			NC	E2E-X3B2L8-M3	E2E-X3C2L8-M3	
	M8 Connector (3-pin)	39 mm	NO	E2E-X3B1D8-M5	E2E-X3C18-M5	
			NC	E2E-X3B28-M5	E2E-X3C28-M5	
		49 mm	NO	E2E-X3B1DL8-M5	E2E-X3C1L8-M5	
			NC	E2E-X3B2L8-M5	E2E-X3C2L8-M5	
	M12 (6 mm)	Pre-wired (2 m) *2	47 mm *3	NO	E2E-X6B1D12 2M	E2E-X6C112 2M
				NC	E2E-X6B212 2M	E2E-X6C212 2M
				NO+NC	E2E-X6B3D12 2M	E2E-X6C312 2M
			69 mm	NO	E2E-X6B1DL12 2M	E2E-X6C1L12 2M
NC				E2E-X6B2L12 2M	E2E-X6C2L12 2M	
NO+NC				E2E-X6B3DL12 2M	E2E-X6C3L12 2M	
M12 Pre-wired Smartclick Connector (0.3 m)			47 mm *4	NO	E2E-X6B1D12-M1TJ 0.3M	E2E-X6C112-M1TJ 0.3M
				NC	E2E-X6B212-M1TJ 0.3M	E2E-X6C212-M1TJ 0.3M
		NO+NC		E2E-X6B3D12-M1TJ 0.3M	E2E-X6C312-M1TJ 0.3M	
		69 mm	NO	E2E-X6B1DL12-M1TJ 0.3M	E2E-X6C1L12-M1TJ 0.3M	
			NC	E2E-X6B2L12-M1TJ 0.3M	E2E-X6C2L12-M1TJ 0.3M	
			NO+NC	E2E-X6B3DL12-M1TJ 0.3M	E2E-X6C3L12-M1TJ 0.3M	
M12 Connector		48 mm	NO	E2E-X6B1D12-M1	E2E-X6C112-M1	
			NC	E2E-X6B212-M1	E2E-X6C212-M1	
			NO+NC	E2E-X6B3D12-M1	E2E-X6C312-M1	
		70 mm	NO	E2E-X6B1DL12-M1	E2E-X6C1L12-M1	
			NC	E2E-X6B2L12-M1	E2E-X6C2L12-M1	
			NO+NC	E2E-X6B3DL12-M1	E2E-X6C3L12-M1	

PREMIUM Model

Size (Sensing distance)	Connection method	Body size	Operation mode	Model	
				PNP	NPN
M18 (12 mm)	Pre-wired (2 m) *2	55 mm *3	NO	E2E-X12B1D18 2M	E2E-X12C118 2M
			NC	E2E-X12B218 2M	E2E-X12C218 2M
			NO+NC	E2E-X12B3D18 2M	E2E-X12C318 2M
		77 mm	NO	E2E-X12B1DL18 2M	E2E-X12C1L18 2M
			NC	E2E-X12B2L18 2M	E2E-X12C2L18 2M
			NO+NC	E2E-X12B3DL18 2M	E2E-X12C3L18 2M
	M12 Pre-wired Smartclick Connector (0.3 m)	55 mm *4	NO	E2E-X12B1D18-M1TJ 0.3M	E2E-X12C118-M1TJ 0.3M
			NC	E2E-X12B218-M1TJ 0.3M	E2E-X12C218-M1TJ 0.3M
			NO+NC	E2E-X12B3D18-M1TJ 0.3M	E2E-X12C318-M1TJ 0.3M
		77 mm	NO	E2E-X12B1DL18-M1TJ 0.3M	E2E-X12C1L18-M1TJ 0.3M
			NC	E2E-X12B2L18-M1TJ 0.3M	E2E-X12C2L18-M1TJ 0.3M
			NO+NC	E2E-X12B3DL18-M1TJ 0.3M	E2E-X12C3L18-M1TJ 0.3M
	M12 Connector	53 mm	NO	E2E-X12B1D18-M1	E2E-X12C118-M1
			NC	E2E-X12B218-M1	E2E-X12C218-M1
			NO+NC	E2E-X12B3D18-M1	E2E-X12C318-M1
		75 mm	NO	E2E-X12B1DL18-M1	E2E-X12C1L18-M1
			NC	E2E-X12B2L18-M1	E2E-X12C2L18-M1
			NO+NC	E2E-X12B3DL18-M1	E2E-X12C3L18-M1
M30 (22 mm)	Pre-wired (2 m) *2	60 mm *3	NO	E2E-X22B1D30 2M	E2E-X22C130 2M
			NC	E2E-X22B230 2M	E2E-X22C230 2M
			NO+NC	E2E-X22B3D30 2M	E2E-X22C330 2M
		82 mm	NO	E2E-X22B1DL30 2M	E2E-X22C1L30 2M
			NC	E2E-X22B2L30 2M	E2E-X22C2L30 2M
			NO+NC	E2E-X22B3DL30 2M	E2E-X22C3L30 2M
	M12 Pre-wired Smartclick Connector (0.3 m)	60 mm *4	NO	E2E-X22B1D30-M1TJ 0.3M	E2E-X22C130-M1TJ 0.3M
			NC	E2E-X22B230-M1TJ 0.3M	E2E-X22C230-M1TJ 0.3M
			NO+NC	E2E-X22B3D30-M1TJ 0.3M	E2E-X22C330-M1TJ 0.3M
		82 mm	NO	E2E-X22B1DL30-M1TJ 0.3M	E2E-X22C1L30-M1TJ 0.3M
			NC	E2E-X22B2L30-M1TJ 0.3M	E2E-X22C2L30-M1TJ 0.3M
			NO+NC	E2E-X22B3DL30-M1TJ 0.3M	E2E-X22C3L30-M1TJ 0.3M
	M12 Connector	58 mm	NO	E2E-X22B1D30-M1	E2E-X22C130-M1
			NC	E2E-X22B230-M1	E2E-X22C230-M1
			NO+NC	E2E-X22B3D30-M1	E2E-X22C330-M1
		80 mm	NO	E2E-X22B1DL30-M1	E2E-X22C1L30-M1
			NC	E2E-X22B2L30-M1	E2E-X22C2L30-M1
			NO+NC	E2E-X22B3DL30-M1	E2E-X22C3L30-M1

*1. When embedding the Proximity Sensor in metal, refer to *Influence of Surrounding Metal* on page 62.

*2. Models with 5-m cable length are also available (Example: E2E-X6B1D12 5M)

*3. Models with 2-m and 5-m robot (bending-resistant) cables are also available with "-R" in the model number. (Example: E2E-X6B1D12-R 2M/ E2E-X6B1D12-R 5M)

*4. Models with M12 Smartclick connector model robot (bending-resistant) cables are also available with "R" in the model number. (Example: E2E-X6B1D12-M1TJR 0.3M)

Note: 1. Models in are equipped with IO-Link (COM2). For IO-Link (COM3), select a model number with the format of "E2E-X " (Example: E2E-X6B1T12 2M).
Operation mode NO can be changed to NC via IO-Link communications.

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

E2E/E2EQ NEXT Series

PREMIUM Model

E2E NEXT Series (Triple distance model)

DC 3-wire [Refer to *Dimensions* on page 64.]

Unshielded

Size (Sensing distance)	Connection method	Body size	Operation mode	Model			
				PNP	NPN		
M8 (6 mm)	Pre-wired (2 m) *1	38 mm *2	NO	E2E-X6MB1D8 2M	E2E-X6MC18 2M		
			NC	E2E-X6MB28 2M	E2E-X6MC28 2M		
		48 mm	NO	E2E-X6MB1DL8 2M	E2E-X6MC1L8 2M		
			NC	E2E-X6MB2L8 2M	E2E-X6MC2L8 2M		
	M12 Pre-wired Smartclick Connector (0.3 m)	38 mm *3	NO	E2E-X6MB1D8-M1TJ 0.3M	E2E-X6MC18-M1TJ 0.3M		
			NC	E2E-X6MB28-M1TJ 0.3M	E2E-X6MC28-M1TJ 0.3M		
		48 mm	NO	E2E-X6MB1DL8-M1TJ 0.3M	E2E-X6MC1L8-M1TJ 0.3M		
			NC	E2E-X6MB2L8-M1TJ 0.3M	E2E-X6MC2L8-M1TJ 0.3M		
		M12 Connector	43 mm	NO	E2E-X6MB1D8-M1	E2E-X6MC18-M1	
				NC	E2E-X6MB28-M1	E2E-X6MC28-M1	
	53 mm		NO	E2E-X6MB1DL8-M1	E2E-X6MC1L8-M1		
			NC	E2E-X6MB2L8-M1	E2E-X6MC2L8-M1		
	M8 Connector (4-pin)	39 mm	NO	E2E-X6MB1D8-M3	E2E-X6MC18-M3		
			NC	E2E-X6MB28-M3	E2E-X6MC28-M3		
		49 mm	NO	E2E-X6MB1DL8-M3	E2E-X6MC1L8-M3		
			NC	E2E-X6MB2L8-M3	E2E-X6MC2L8-M3		
		M8 Connector (3-pin)	39 mm	NO	E2E-X6MB1D8-M5	E2E-X6MC18-M5	
				NC	E2E-X6MB28-M5	E2E-X6MC28-M5	
	49 mm		NO	E2E-X6MB1DL8-M5	E2E-X6MC1L8-M5		
			NC	E2E-X6MB2L8-M5	E2E-X6MC2L8-M5		
	M12 (10 mm)	Pre-wired (2 m) *1	47 mm *2	NO	E2E-X10MB1D12 2M	E2E-X10MC112 2M	
				NC	E2E-X10MB212 2M	E2E-X10MC212 2M	
				NO+NC	E2E-X10MB3D12 2M	E2E-X10MC312 2M	
			69 mm	NO	E2E-X10MB1DL12 2M	E2E-X10MC1L12 2M	
NC				E2E-X10MB2L12 2M	E2E-X10MC2L12 2M		
NO+NC				E2E-X10MB3DL12 2M	E2E-X10MC3L12 2M		
M12 Pre-wired Smartclick Connector (0.3 m)			47 mm *3	NO	E2E-X10MB1D12-M1TJ 0.3M	E2E-X10MC112-M1TJ 0.3M	
				NC	E2E-X10MB212-M1TJ 0.3M	E2E-X10MC212-M1TJ 0.3M	
				NO+NC	E2E-X10MB3D12-M1TJ 0.3M	E2E-X10MC312-M1TJ 0.3M	
			69 mm	NO	E2E-X10MB1DL12-M1TJ 0.3M	E2E-X10MC1L12-M1TJ 0.3M	
		NC		E2E-X10MB2L12-M1TJ 0.3M	E2E-X10MC2L12-M1TJ 0.3M		
		NO+NC		E2E-X10MB3DL12-M1TJ 0.3M	E2E-X10MC3L12-M1TJ 0.3M		
M12 Connector		48 mm	NO	E2E-X10MB1D12-M1	E2E-X10MC112-M1		
			NC	E2E-X10MB212-M1	E2E-X10MC212-M1		
			NO+NC	E2E-X10MB3D12-M1	E2E-X10MC312-M1		
		70 mm	NO	E2E-X10MB1DL12-M1	E2E-X10MC1L12-M1		
			NC	E2E-X10MB2L12-M1	E2E-X10MC2L12-M1		
			NO+NC	E2E-X10MB3DL12-M1	E2E-X10MC3L12-M1		
		M18 (20 mm)	Pre-wired (2 m) *1	77 mm *2	NO	E2E-X20MB1DL18 2M	E2E-X20MC1L18 2M
					NC	E2E-X20MB2L18 2M	E2E-X20MC2L18 2M
					NO+NC	E2E-X20MB3DL18 2M	E2E-X20MC3L18 2M
M12 Pre-wired Smartclick Connector (0.3 m)			77 mm *3	NO	E2E-X20MB1DL18-M1TJ 0.3M	E2E-X20MC1L18-M1TJ 0.3M	
				NC	E2E-X20MB2L18-M1TJ 0.3M	E2E-X20MC2L18-M1TJ 0.3M	
				NO+NC	E2E-X20MB3DL18-M1TJ 0.3M	E2E-X20MC3L18-M1TJ 0.3M	
M12 Connector	75 mm		NO	E2E-X20MB1DL18-M1	E2E-X20MC1L18-M1		
			NC	E2E-X20MB2L18-M1	E2E-X20MC2L18-M1		
			NO+NC	E2E-X20MB3DL18-M1	E2E-X20MC3L18-M1		

PREMIUM Model

Size (Sensing distance)	Connection method	Body size	Operation mode	Model	
				PNP	NPN
M30 (40 mm)	Pre-wired (2 m) *1	82 mm *2	NO	E2E-X40MB1DL30 2M	E2E-X40MC1L30 2M
			NC	E2E-X40MB2L30 2M	E2E-X40MC2L30 2M
			NO+NC	E2E-X40MB3DL30 2M	E2E-X40MC3L30 2M
	M12 Pre-wired Smartclick Connector (0.3 m)	82 mm *3	NO	E2E-X40MB1DL30-M1TJ 0.3M	E2E-X40MC1L30-M1TJ 0.3M
			NC	E2E-X40MB2L30-M1TJ 0.3M	E2E-X40MC2L30-M1TJ 0.3M
			NO+NC	E2E-X40MB3DL30-M1TJ 0.3M	E2E-X40MC3L30-M1TJ 0.3M
	M12 Connector	80 mm	NO	E2E-X40MB1DL30-M1	E2E-X40MC1L30-M1
			NC	E2E-X40MB2L30-M1	E2E-X40MC2L30-M1
			NO+NC	E2E-X40MB3DL30-M1	E2E-X40MC3L30-M1

*1. Models with 5-m cable length are also available (Example: E2E-X10MB1D12 5M)

*2. Models with 2-m and 5-m robot (bending-resistant) cables are also available with "-R" in the model number. (Example: E2E-X10MB1D12-R 2M/E2E-X10MB1D12-R 5M)

*3. Models with M12 Smartclick connector model robot (bending-resistant) cables are also available with "R" in the model number. (Example: E2E-X10MB1D12-M1TJR 0.3M)

Note: 1. Models in are equipped with IO-Link (COM2). For IO-Link (COM3), select a model number with the format of "E2E-X T " (Example: E2E-X10MB1T12 2M).

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

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

E2E/E2EQ NEXT Series

PREMIUM Model

E2EQ NEXT Series (Spatter-resistant Triple distance model)

DC 3-wire [Refer to *Dimensions* on page 64.]

Shielded *1

Size (Sensing distance)	Connection method	Body size	Operation mode	Model	
				PNP	NPN
M8 (3 mm)	Pre-wired (2 m) *2	38 mm	NO	E2EQ-X3B1D8 2M	E2EQ-X3C18 2M
			NC	E2EQ-X3B28 2M	E2EQ-X3C28 2M
	M12 Pre-wired Smartclick Connector (0.3 m)	38 mm	NO	E2EQ-X3B1D8-M1TJ 0.3M	E2EQ-X3C18-M1TJ 0.3M
			NC	E2EQ-X3B28-M1TJ 0.3M	E2EQ-X3C28-M1TJ 0.3M
	M12 Connector	43 mm	NO	E2EQ-X3B1D8-M1	E2EQ-X3C18-M1
			NC	E2EQ-X3B28-M1	E2EQ-X3C28-M1
M12 (6 mm)	Pre-wired (2 m) *2	47 mm	NO	E2EQ-X6B1D12 2M	E2EQ-X6C112 2M
			NC	E2EQ-X6B212 2M	E2EQ-X6C212 2M
			NO+NC	E2EQ-X6B3D12 2M	E2EQ-X6C312 2M
	M12 Pre-wired Smartclick Connector (0.3 m)	47 mm	NO	E2EQ-X6B1D12-M1TJ 0.3M	E2EQ-X6C112-M1TJ 0.3M
			NC	E2EQ-X6B212-M1TJ 0.3M	E2EQ-X6C212-M1TJ 0.3M
			NO+NC	E2EQ-X6B3D12-M1TJ 0.3M	E2EQ-X6C312-M1TJ 0.3M
	M12 Connector	48 mm	NO	E2EQ-X6B1D12-M1	E2EQ-X6C112-M1
			NC	E2EQ-X6B212-M1	E2EQ-X6C212-M1
			NO+NC	E2EQ-X6B3D12-M1	E2EQ-X6C312-M1
M18 (12 mm)	Pre-wired (2 m) *2	55 mm	NO	E2EQ-X12B1D18 2M	E2EQ-X12C118 2M
			NC	E2EQ-X12B218 2M	E2EQ-X12C218 2M
			NO+NC	E2EQ-X12B3D18 2M	E2EQ-X12C318 2M
	M12 Pre-wired Smartclick Connector (0.3 m)	55 mm	NO	E2EQ-X12B1D18-M1TJ 0.3M	E2EQ-X12C118-M1TJ 0.3M
			NC	E2EQ-X12B218-M1TJ 0.3M	E2EQ-X12C218-M1TJ 0.3M
			NO+NC	E2EQ-X12B3D18-M1TJ 0.3M	E2EQ-X12C318-M1TJ 0.3M
	M12 Connector	53 mm	NO	E2EQ-X12B1D18-M1	E2EQ-X12C118-M1
			NC	E2EQ-X12B218-M1	E2EQ-X12C218-M1
			NO+NC	E2EQ-X12B3D18-M1	E2EQ-X12C318-M1
M30 (22 mm)	Pre-wired (2 m) *2	60 mm	NO	E2EQ-X22B1D30 2M	E2EQ-X22C130 2M
			NC	E2EQ-X22B230 2M	E2EQ-X22C230 2M
			NO+NC	E2EQ-X22B3D30 2M	E2EQ-X22C330 2M
	M12 Pre-wired Smartclick Connector (0.3 m)	60 mm	NO	E2EQ-X22B1D30-M1TJ 0.3M	E2EQ-X22C130-M1TJ 0.3M
			NC	E2EQ-X22B230-M1TJ 0.3M	E2EQ-X22C230-M1TJ 0.3M
			NO+NC	E2EQ-X22B3D30-M1TJ 0.3M	E2EQ-X22C330-M1TJ 0.3M
	M12 Connector	58 mm	NO	E2EQ-X22B1D30-M1	E2EQ-X22C130-M1
			NC	E2EQ-X22B230-M1	E2EQ-X22C230-M1
			NO+NC	E2EQ-X22B3D30-M1	E2EQ-X22C330-M1

*1. When embedding the Proximity Sensor in metal, refer to *Influence of Surrounding Metal* on page 62.

*2. Models with 5-m cable length are also available (Example: E2EQ-X6B1D12 5M)

Note: 1. Models in are equipped with IO-Link (COM2). For IO-Link (COM3), select a model number with the format of "E2E-X " (Example: E2EQ-X6B1T12 2M).

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

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

BASIC Model

E2E NEXT Series (Double distance model)

DC 3-wire [Refer to *Dimensions* on page 65.]

Shielded

Size (Sensing distance)	Connection method	Body size	Operation mode	Model		
				PNP	NPN	
M8 (2 mm)	Pre-wired (2 m) *1	38 mm *2	NO	E2E-X2B1D8 2M	E2E-X2C18 2M	
			NC	E2E-X2B28 2M	E2E-X2C28 2M	
		48 mm	NO	E2E-X2B1DL8 2M	E2E-X2C1L8 2M	
			NC	E2E-X2B2L8 2M	E2E-X2C2L8 2M	
	M12 Pre-wired Smartclick Connector (0.3 m)	38 mm *3	NO	E2E-X2B1D8-M1TJ 0.3M	E2E-X2C18-M1TJ 0.3M	
			NC	E2E-X2B28-M1TJ 0.3M	E2E-X2C28-M1TJ 0.3M	
		48 mm	NO	E2E-X2B1DL8-M1TJ 0.3M	E2E-X2C1L8-M1TJ 0.3M	
			NC	E2E-X2B2L8-M1TJ 0.3M	E2E-X2C2L8-M1TJ 0.3M	
	M12 Connector	43 mm	NO	E2E-X2B1D8-M1	E2E-X2C18-M1	
			NC	E2E-X2B28-M1	E2E-X2C28-M1	
		53 mm	NO	E2E-X2B1DL8-M1	E2E-X2C1L8-M1	
			NC	E2E-X2B2L8-M1	E2E-X2C2L8-M1	
	M8 Connector (4-pin)	39 mm	NO	E2E-X2B1D8-M3	E2E-X2C18-M3	
			NC	E2E-X2B28-M3	E2E-X2C28-M3	
		49 mm	NO	E2E-X2B1DL8-M3	E2E-X2C1L8-M3	
			NC	E2E-X2B2L8-M3	E2E-X2C2L8-M3	
	M8 Connector (3-pin)	39 mm	NO	E2E-X2B1D8-M5	E2E-X2C18-M5	
			NC	E2E-X2B28-M5	E2E-X2C28-M5	
		49 mm	NO	E2E-X2B1DL8-M5	E2E-X2C1L8-M5	
			NC	E2E-X2B2L8-M5	E2E-X2C2L8-M5	
	M12 (4 mm)	Pre-wired (2 m) *1	47 mm *2	NO	E2E-X4B1D12 2M	E2E-X4C112 2M
				NC	E2E-X4B212 2M	E2E-X4C212 2M
				NO+NC	E2E-X4B3D12 2M	E2E-X4C312 2M
			69 mm	NO	E2E-X4B1DL12 2M	E2E-X4C1L12 2M
NC				E2E-X4B2L12 2M	E2E-X4C2L12 2M	
NO+NC				E2E-X4B3DL12 2M	E2E-X4C3L12 2M	
M12 Pre-wired Smartclick Connector (0.3 m)		47 mm *3	NO	E2E-X4B1D12-M1TJ 0.3M	E2E-X4C112-M1TJ 0.3M	
			NC	E2E-X4B212-M1TJ 0.3M	E2E-X4C212-M1TJ 0.3M	
			NO+NC	E2E-X4B3D12-M1TJ 0.3M	E2E-X4C312-M1TJ 0.3M	
		69 mm	NO	E2E-X4B1DL12-M1TJ 0.3M	E2E-X4C1L12-M1TJ 0.3M	
			NC	E2E-X4B2L12-M1TJ 0.3M	E2E-X4C2L12-M1TJ 0.3M	
			NO+NC	E2E-X4B3DL12-M1TJ 0.3M	E2E-X4C3L12-M1TJ 0.3M	
M12 Connector		48 mm	NO	E2E-X4B1D12-M1	E2E-X4C112-M1	
			NC	E2E-X4B212-M1	E2E-X4C212-M1	
			NO+NC	E2E-X4B3D12-M1	E2E-X4C312-M1	
		70 mm	NO	E2E-X4B1DL12-M1	E2E-X4C1L12-M1	
			NC	E2E-X4B2L12-M1	E2E-X4C2L12-M1	
			NO+NC	E2E-X4B3DL12-M1	E2E-X4C3L12-M1	

E2E/E2EQ NEXT Series DC 3-wire

E2E/E2EQ NEXT Series DC 2-wire

XSS5 NEXT Series

XSS5

XSS3

E2E/E2EQ NEXT Series

BASIC Model

Size (Sensing distance)	Connection method	Body size	Operation mode	Model	
				PNP	NPN
M18 (8 mm)	Pre-wired (2 m) *1	55 mm *2	NO	E2E-X8B1D18 2M	E2E-X8C118 2M
			NC	E2E-X8B218 2M	E2E-X8C218 2M
			NO+NC	E2E-X8B3D18 2M	E2E-X8C318 2M
		77 mm	NO	E2E-X8B1DL18 2M	E2E-X8C1L18 2M
			NC	E2E-X8B2L18 2M	E2E-X8C2L18 2M
			NO+NC	E2E-X8B3DL18 2M	E2E-X8C3L18 2M
	M12 Pre-wired Smartclick Connector (0.3 m)	55 mm *3	NO	E2E-X8B1D18-M1TJ 0.3M	E2E-X8C118-M1TJ 0.3M
			NC	E2E-X8B218-M1TJ 0.3M	E2E-X8C218-M1TJ 0.3M
			NO+NC	E2E-X8B3D18-M1TJ 0.3M	E2E-X8C318-M1TJ 0.3M
		77 mm	NO	E2E-X8B1DL18-M1TJ 0.3M	E2E-X8C1L18-M1TJ 0.3M
			NC	E2E-X8B2L18-M1TJ 0.3M	E2E-X8C2L18-M1TJ 0.3M
			NO+NC	E2E-X8B3DL18-M1TJ 0.3M	E2E-X8C3L18-M1TJ 0.3M
	M12 Connector	53 mm	NO	E2E-X8B1D18-M1	E2E-X8C118-M1
			NC	E2E-X8B218-M1	E2E-X8C218-M1
			NO+NC	E2E-X8B3D18-M1	E2E-X8C318-M1
		75 mm	NO	E2E-X8B1DL18-M1	E2E-X8C1L18-M1
			NC	E2E-X8B2L18-M1	E2E-X8C2L18-M1
			NO+NC	E2E-X8B3DL18-M1	E2E-X8C3L18-M1
M30 (15 mm)	Pre-wired (2 m) *1	60 mm *2	NO	E2E-X15B1D30 2M	E2E-X15C130 2M
			NC	E2E-X15B230 2M	E2E-X15C230 2M
			NO+NC	E2E-X15B3D30 2M	E2E-X15C330 2M
		82 mm	NO	E2E-X15B1DL30 2M	E2E-X15C1L30 2M
			NC	E2E-X15B2L30 2M	E2E-X15C2L30 2M
			NO+NC	E2E-X15B3DL30 2M	E2E-X15C3L30 2M
	M12 Pre-wired Smartclick Connector (0.3 m)	60 mm *3	NO	E2E-X15B1D30-M1TJ 0.3M	E2E-X15C130-M1TJ 0.3M
			NC	E2E-X15B230-M1TJ 0.3M	E2E-X15C230-M1TJ 0.3M
			NO+NC	E2E-X15B3D30-M1TJ 0.3M	E2E-X15C330-M1TJ 0.3M
		82 mm	NO	E2E-X15B1DL30-M1TJ 0.3M	E2E-X15C1L30-M1TJ 0.3M
			NC	E2E-X15B2L30-M1TJ 0.3M	E2E-X15C2L30-M1TJ 0.3M
			NO+NC	E2E-X15B3DL30-M1TJ 0.3M	E2E-X15C3L30-M1TJ 0.3M
	M12 Connector	58 mm	NO	E2E-X15B1D30-M1	E2E-X15C130-M1
			NC	E2E-X15B230-M1	E2E-X15C230-M1
			NO+NC	E2E-X15B3D30-M1	E2E-X15C330-M1
		80 mm	NO	E2E-X15B1DL30-M1	E2E-X15C1L30-M1
			NC	E2E-X15B2L30-M1	E2E-X15C2L30-M1
			NO+NC	E2E-X15B3DL30-M1	E2E-X15C3L30-M1

*1. Models with 5-m cable length are also available (Example: E2E-X2B1D8 5M)

*2. Models with 2-m and 5-m robot (bending-resistant) cables are also available with "-R" in the model number. (Example: E2E-X2B1D8-R 2M/ E2E-X2B1D8-R 5M)

*3. Models with M12 Smartclick connector robot (bending-resistant) cables are also available with "R" in the model number. (Example: E2E-X4B1T12-M1TJR 0.3M)

Note: 1. Models in are equipped with IO-Link (COM2). For IO-Link (COM3), select a model number with the format of "E2E-X□□□T□" (Example: E2E-X2B1T8 2M).

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

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

BASIC Model

E2E NEXT Series (Double distance model)

DC 3-wire [Refer to Dimensions on page 65.]

Unshielded

Size (Sensing distance)	Connection method	Body size	Operation mode	Model		
				PNP	NPN	
M8 (4 mm)	Pre-wired (2 m) *1	38 mm *2	NO	E2E-X4MB1D8 2M	E2E-X4MC18 2M	
			NC	E2E-X4MB28 2M	E2E-X4MC28 2M	
		48 mm	NO	E2E-X4MB1DL8 2M	E2E-X4MC1L8 2M	
			NC	E2E-X4MB2L8 2M	E2E-X4MC2L8 2M	
	M12 Pre-wired Smartclick Connector (0.3 m)	38 mm *3	NO	E2E-X4MB1D8-M1TJ 0.3M	E2E-X4MC18-M1TJ 0.3M	
			NC	E2E-X4MB28-M1TJ 0.3M	E2E-X4MC28-M1TJ 0.3M	
		48 mm	NO	E2E-X4MB1DL8-M1TJ 0.3M	E2E-X4MC1L8-M1TJ 0.3M	
			NC	E2E-X4MB2L8-M1TJ 0.3M	E2E-X4MC2L8-M1TJ 0.3M	
	M12 Connector	43 mm	NO	E2E-X4MB1D8-M1	E2E-X4MC18-M1	
			NC	E2E-X4MB28-M1	E2E-X4MC28-M1	
		53 mm	NO	E2E-X4MB1DL8-M1	E2E-X4MC1L8-M1	
			NC	E2E-X4MB2L8-M1	E2E-X4MC2L8-M1	
	M8 Connector (4-pin)	39 mm	NO	E2E-X4MB1D8-M3	E2E-X4MC18-M3	
			NC	E2E-X4MB28-M3	E2E-X4MC28-M3	
		49 mm	NO	E2E-X4MB1DL8-M3	E2E-X4MC1L8-M3	
			NC	E2E-X4MB2L8-M3	E2E-X4MC2L8-M3	
	M8 Connector (3-pin)	39 mm	NO	E2E-X4MB1D8-M5	E2E-X4MC18-M5	
			NC	E2E-X4MB28-M5	E2E-X4MC28-M5	
		49 mm	NO	E2E-X4MB1DL8-M5	E2E-X4MC1L8-M5	
			NC	E2E-X4MB2L8-M5	E2E-X4MC2L8-M5	
	M12 (8 mm)	Pre-wired (2 m) *1	47 mm *2	NO	E2E-X8MB1D12 2M	E2E-X8MC112 2M
				NC	E2E-X8MB212 2M	E2E-X8MC212 2M
				NO+NC	E2E-X8MB3D12 2M	E2E-X8MC312 2M
			69 mm	NO	E2E-X8MB1DL12 2M	E2E-X8MC1L12 2M
NC				E2E-X8MB2L12 2M	E2E-X8MC2L12 2M	
NO+NC				E2E-X8MB3DL12 2M	E2E-X8MC3L12 2M	
M12 Pre-wired Smartclick Connector (0.3 m)		47 mm *3	NO	E2E-X8MB1D12-M1TJ 0.3M	E2E-X8MC112-M1TJ 0.3M	
			NC	E2E-X8MB212-M1TJ 0.3M	E2E-X8MC212-M1TJ 0.3M	
			NO+NC	E2E-X8MB3D12-M1TJ 0.3M	E2E-X8MC312-M1TJ 0.3M	
		69 mm	NO	E2E-X8MB1DL12-M1TJ 0.3M	E2E-X8MC1L12-M1TJ 0.3M	
			NC	E2E-X8MB2L12-M1TJ 0.3M	E2E-X8MC2L12-M1TJ 0.3M	
			NO+NC	E2E-X8MB3DL12-M1TJ 0.3M	E2E-X8MC3L12-M1TJ 0.3M	
M12 Connector		48 mm	NO	E2E-X8MB1D12-M1	E2E-X8MC112-M1	
			NC	E2E-X8MB212-M1	E2E-X8MC212-M1	
			NO+NC	E2E-X8MB3D12-M1	E2E-X8MC312-M1	
		70 mm	NO	E2E-X8MB1DL12-M1	E2E-X8MC1L12-M1	
	NC		E2E-X8MB2L12-M1	E2E-X8MC2L12-M1		
	NO+NC		E2E-X8MB3DL12-M1	E2E-X8MC3L12-M1		

E2E/E2EQ NEXT Series DC 3-wire

E2E/E2EQ NEXT Series DC 2-wire

XSS5 NEXT Series

XSS5

XSS3

E2E/E2EQ NEXT Series

BASIC Model

Size (Sensing distance)	Connection method	Body size	Operation mode	Model	
				PNP	NPN
M18 (16 mm)	Pre-wired (2 m) *1	55 mm *2	NO	E2E-X16MB1D18 2M	E2E-X16MC118 2M
			NC	E2E-X16MB218 2M	E2E-X16MC218 2M
			NO+NC	E2E-X16MB3D18 2M	E2E-X16MC318 2M
		77 mm	NO	E2E-X16MB1DL18 2M	E2E-X16MC1L18 2M
			NC	E2E-X16MB2L18 2M	E2E-X16MC2L18 2M
			NO+NC	E2E-X16MB3DL18 2M	E2E-X16MC3L18 2M
	M12 Pre-wired Smartclick Connector (0.3 m)	55 mm *3	NO	E2E-X16MB1D18-M1TJ 0.3M	E2E-X16MC118-M1TJ 0.3M
			NC	E2E-X16MB218-M1TJ 0.3M	E2E-X16MC218-M1TJ 0.3M
			NO+NC	E2E-X16MB3D18-M1TJ 0.3M	E2E-X16MC318-M1TJ 0.3M
		77 mm	NO	E2E-X16MB1DL18-M1TJ 0.3M	E2E-X16MC1L18-M1TJ 0.3M
			NC	E2E-X16MB2L18-M1TJ 0.3M	E2E-X16MC2L18-M1TJ 0.3M
			NO+NC	E2E-X16MB3DL18-M1TJ 0.3M	E2E-X16MC3L18-M1TJ 0.3M
	M12 Connector	53 mm	NO	E2E-X16MB1D18-M1	E2E-X16MC118-M1
			NC	E2E-X16MB218-M1	E2E-X16MC218-M1
			NO+NC	E2E-X16MB3D18-M1	E2E-X16MC318-M1
75 mm		NO	E2E-X16MB1DL18-M1	E2E-X16MC1L18-M1	
		NC	E2E-X16MB2L18-M1	E2E-X16MC2L18-M1	
		NO+NC	E2E-X16MB3DL18-M1	E2E-X16MC3L18-M1	
M30 (30 mm)	Pre-wired (2 m) *1	82 mm *2	NO	E2E-X30MB1DL30 2M	E2E-X30MC1L30 2M
			NC	E2E-X30MB2L30 2M	E2E-X30MC2L30 2M
			NO+NC	E2E-X30MB3DL30 2M	E2E-X30MC3L30 2M
	M12 Pre-wired Smartclick Connector (0.3 m)	82 mm *3	NO	E2E-X30MB1DL30-M1TJ 0.3M	E2E-X30MC1L30-M1TJ 0.3M
			NC	E2E-X30MB2L30-M1TJ 0.3M	E2E-X30MC2L30-M1TJ 0.3M
			NO+NC	E2E-X30MB3DL30-M1TJ 0.3M	E2E-X30MC3L30-M1TJ 0.3M
	M12 Connector	80 mm	NO	E2E-X30MB1DL30-M1	E2E-X30MC1L30-M1
			NC	E2E-X30MB2L30-M1	E2E-X30MC2L30-M1
			NO+NC	E2E-X30MB3DL30-M1	E2E-X30MC3L30-M1

*1. Models with 5-m cable length are also available (Example: E2E-X8MB1D12 5M)

*2. Models with 2-m and 5-m robot (bending-resistant) cables are also available with "-R" in the model number. (Example: E2E-X8MB1D12-R 2M/ E2E-X8MB1D12-R 5M)

*3. Models with M12 Smartclick connector model robot (bending-resistant) cables are also available with "R" in the model number. (Example: E2E-X8MB1D12-M1TJR 0.3M)

Note: 1. Models in are equipped with IO-Link (COM2). For IO-Link (COM3), select a model number with the format of "E2E-X□□□□□" (Example: E2E-X8MB1T12 2M).

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

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

BASIC Model

E2E NEXT Series (Single distance model)

DC 3-wire [Refer to Dimensions on page 65.]

Shielded

Size (Sensing distance)	Connection method	Body size	Operation mode	Model		
				PNP	NPN	
M8 (1.5 mm)	Pre-wired (2 m) *1	38 mm *2	NO	E2E-X1R5B1D8 2M	E2E-X1R5C18 2M	
			NC	E2E-X1R5B28 2M	E2E-X1R5C28 2M	
		48 mm	NO	E2E-X1R5B1DL8 2M	E2E-X1R5C1L8 2M	
			NC	E2E-X1R5B2L8 2M	E2E-X1R5C2L8 2M	
	M12 Pre-wired Smartclick Connector (0.3 m)	38 mm *3	NO	E2E-X1R5B1D8-M1TJ 0.3M	E2E-X1R5C18-M1TJ 0.3M	
			NC	E2E-X1R5B28-M1TJ 0.3M	E2E-X1R5C28-M1TJ 0.3M	
		48 mm	NO	E2E-X1R5B1DL8-M1TJ 0.3M	E2E-X1R5C1L8-M1TJ 0.3M	
			NC	E2E-X1R5B2L8-M1TJ 0.3M	E2E-X1R5C2L8-M1TJ 0.3M	
	M12 Connector	43 mm	NO	E2E-X1R5B1D8-M1	E2E-X1R5C18-M1	
			NC	E2E-X1R5B28-M1	E2E-X1R5C28-M1	
		53 mm	NO	E2E-X1R5B1DL8-M1	E2E-X1R5C1L8-M1	
			NC	E2E-X1R5B2L8-M1	E2E-X1R5C2L8-M1	
	M8 Connector (4-pin)	39 mm	NO	E2E-X1R5B1D8-M3	E2E-X1R5C18-M3	
			NC	E2E-X1R5B28-M3	E2E-X1R5C28-M3	
		49 mm	NO	E2E-X1R5B1DL8-M3	E2E-X1R5C1L8-M3	
			NC	E2E-X1R5B2L8-M3	E2E-X1R5C2L8-M3	
	M8 Connector (3-pin)	39 mm	NO	E2E-X1R5B1D8-M5	E2E-X1R5C18-M5	
			NC	E2E-X1R5B28-M5	E2E-X1R5C28-M5	
		49 mm	NO	E2E-X1R5B1DL8-M5	E2E-X1R5C1L8-M5	
			NC	E2E-X1R5B2L8-M5	E2E-X1R5C2L8-M5	
	M12 (2 mm)	Pre-wired (2 m) *1	47 mm *2	NO	E2E-X2B1D12 2M	E2E-X2C112 2M
				NC	E2E-X2B212 2M	E2E-X2C212 2M
				NO+NC	E2E-X2B3D12 2M	E2E-X2C312 2M
			69 mm	NO	E2E-X2B1DL12 2M	E2E-X2C1L12 2M
NC				E2E-X2B2L12 2M	E2E-X2C2L12 2M	
NO+NC				E2E-X2B3DL12 2M	E2E-X2C3L12 2M	
M12 Pre-wired Smartclick Connector (0.3 m)		47 mm *3	NO	E2E-X2B1D12-M1TJ 0.3M	E2E-X2C112-M1TJ 0.3M	
			NC	E2E-X2B212-M1TJ 0.3M	E2E-X2C212-M1TJ 0.3M	
			NO+NC	E2E-X2B3D12-M1TJ 0.3M	E2E-X2C312-M1TJ 0.3M	
		69 mm	NO	E2E-X2B1DL12-M1TJ 0.3M	E2E-X2C1L12-M1TJ 0.3M	
			NC	E2E-X2B2L12-M1TJ 0.3M	E2E-X2C2L12-M1TJ 0.3M	
			NO+NC	E2E-X2B3DL12-M1TJ 0.3M	E2E-X2C3L12-M1TJ 0.3M	
M12 Connector		48 mm	NO	E2E-X2B1D12-M1	E2E-X2C112-M1	
			NC	E2E-X2B212-M1	E2E-X2C212-M1	
			NO+NC	E2E-X2B3D12-M1	E2E-X2C312-M1	
		70 mm	NO	E2E-X2B1DL12-M1	E2E-X2C1L12-M1	
			NC	E2E-X2B2L12-M1	E2E-X2C2L12-M1	
			NO+NC	E2E-X2B3DL12-M1	E2E-X2C3L12-M1	

E2E/E2EQ NEXT Series DC 3-wire

E2E/E2EQ NEXT Series DC 2-wire

XSS5 NEXT Series

XSS5

XSS3

E2E/E2EQ NEXT Series

BASIC Model

Size (Sensing distance)	Connection method	Body size	Operation mode	Model	
				PNP	NPN
M18 (5 mm)	Pre-wired (2 m) *1	55 mm *2	NO	E2E-X5B1D18 2M	E2E-X5C118 2M
			NC	E2E-X5B218 2M	E2E-X5C218 2M
			NO+NC	E2E-X5B3D18 2M	E2E-X5C318 2M
		77 mm	NO	E2E-X5B1DL18 2M	E2E-X5C1L18 2M
			NC	E2E-X5B2L18 2M	E2E-X5C2L18 2M
			NO+NC	E2E-X5B3DL18 2M	E2E-X5C3L18 2M
	M12 Pre-wired Smartclick Connector (0.3 m)	55 mm *3	NO	E2E-X5B1D18-M1TJ 0.3M	E2E-X5C118-M1TJ 0.3M
			NC	E2E-X5B218-M1TJ 0.3M	E2E-X5C218-M1TJ 0.3M
			NO+NC	E2E-X5B3D18-M1TJ 0.3M	E2E-X5C318-M1TJ 0.3M
		77 mm	NO	E2E-X5B1DL18-M1TJ 0.3M	E2E-X5C1L18-M1TJ 0.3M
			NC	E2E-X5B2L18-M1TJ 0.3M	E2E-X5C2L18-M1TJ 0.3M
			NO+NC	E2E-X5B3DL18-M1TJ 0.3M	E2E-X5C3L18-M1TJ 0.3M
	M12 Connector	53 mm	NO	E2E-X5B1D18-M1	E2E-X5C118-M1
			NC	E2E-X5B218-M1	E2E-X5C218-M1
			NO+NC	E2E-X5B3D18-M1	E2E-X5C318-M1
		75 mm	NO	E2E-X5B1DL18-M1	E2E-X5C1L18-M1
			NC	E2E-X5B2L18-M1	E2E-X5C2L18-M1
			NO+NC	E2E-X5B3DL18-M1	E2E-X5C3L18-M1
M30 (10 mm)	Pre-wired (2 m) *1	60 mm *2	NO	E2E-X10B1D30 2M	E2E-X10C130 2M
			NC	E2E-X10B230 2M	E2E-X10C230 2M
			NO+NC	E2E-X10B3D30 2M	E2E-X10C330 2M
		82 mm	NO	E2E-X10B1DL30 2M	E2E-X10C1L30 2M
			NC	E2E-X10B2L30 2M	E2E-X10C2L30 2M
			NO+NC	E2E-X10B3DL30 2M	E2E-X10C3L30 2M
	M12 Pre-wired Smartclick Connector (0.3 m)	60 mm *3	NO	E2E-X10B1D30-M1TJ 0.3M	E2E-X10C130-M1TJ 0.3M
			NC	E2E-X10B230-M1TJ 0.3M	E2E-X10C230-M1TJ 0.3M
			NO+NC	E2E-X10B3D30-M1TJ 0.3M	E2E-X10C330-M1TJ 0.3M
		82 mm	NO	E2E-X10B1DL30-M1TJ 0.3M	E2E-X10C1L30-M1TJ 0.3M
			NC	E2E-X10B2L30-M1TJ 0.3M	E2E-X10C2L30-M1TJ 0.3M
			NO+NC	E2E-X10B3DL30-M1TJ 0.3M	E2E-X10C3L30-M1TJ 0.3M
	M12 Connector	58 mm	NO	E2E-X10B1D30-M1	E2E-X10C130-M1
			NC	E2E-X10B230-M1	E2E-X10C230-M1
			NO+NC	E2E-X10B3D30-M1	E2E-X10C330-M1
		80 mm	NO	E2E-X10B1DL30-M1	E2E-X10C1L30-M1
			NC	E2E-X10B2L30-M1	E2E-X10C2L30-M1
			NO+NC	E2E-X10B3DL30-M1	E2E-X10C3L30-M1

*1. Models with 5-m cable length are also available (Example: E2E-X2B1D12 5M)

*2. Models with 2-m and 5-m robot (bending-resistant) cables are also available with "-R" in the model number. (Example: E2E-X2B1D12-R 2M/ E2E-X2B1D12-R 5M)

*3. Models with M12 Smartclick connector model robot (bending-resistant) cables are also available with "R" in the model number. (Example: E2E-X2B1D12-M1TJR 0.3M)

Note: 1. Models in are equipped with IO-Link (COM2). For IO-Link (COM3), select a model number with the format of "E2E-X□□□□□□" (Example: E2E-X2B1T12 2M).

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

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

BASIC Model

E2E NEXT Series (Single distance model)

DC 3-wire [Refer to Dimensions on page 65.]

Unshielded

Size (Sensing distance)	Connection method	Body size	Operation mode	Model			
				PNP	NPN		
M8 (2mm)	Pre-wired (2 m) *1	38 mm *2	NO	E2E-X2MB1D8 2M	E2E-X2MC18 2M		
			NC	E2E-X2MB28 2M	E2E-X2MC28 2M		
		48 mm	NO	E2E-X2MB1DL8 2M	E2E-X2MC1L8 2M		
			NC	E2E-X2MB2L8 2M	E2E-X2MC2L8 2M		
		M12 Pre-wired Smartclick Connector (0.3 m)	38 mm *3	NO	E2E-X2MB1D8-M1TJ 0.3M	E2E-X2MC18-M1TJ 0.3M	
				NC	E2E-X2MB28-M1TJ 0.3M	E2E-X2MC28-M1TJ 0.3M	
	48 mm		NO	E2E-X2MB1DL8-M1TJ 0.3M	E2E-X2MC1L8-M1TJ 0.3M		
			NC	E2E-X2MB2L8-M1TJ 0.3M	E2E-X2MC2L8-M1TJ 0.3M		
	M12 Connector		43 mm	NO	E2E-X2MB1D8-M1	E2E-X2MC18-M1	
				NC	E2E-X2MB28-M1	E2E-X2MC28-M1	
		53 mm	NO	E2E-X2MB1DL8-M1	E2E-X2MC1L8-M1		
			NC	E2E-X2MB2L8-M1	E2E-X2MC2L8-M1		
			NO+NC	E2E-X2MB3DL8-M1	E2E-X2MC3L8-M1		
	M8 Connector (4-pin)	39 mm	NO	E2E-X2MB1D8-M3	E2E-X2MC18-M3		
			NC	E2E-X2MB28-M3	E2E-X2MC28-M3		
		49 mm	NO	E2E-X2MB1DL8-M3	E2E-X2MC1L8-M3		
			NC	E2E-X2MB2L8-M3	E2E-X2MC2L8-M3		
		M8 Connector (3-pin)	39 mm	NO	E2E-X2MB1D8-M5	E2E-X2MC18-M5	
				NC	E2E-X2MB28-M5	E2E-X2MC28-M5	
	49 mm		NO	E2E-X2MB1DL8-M5	E2E-X2MC1L8-M5		
			NC	E2E-X2MB2L8-M5	E2E-X2MC2L8-M5		
	M12 (5mm)		Pre-wired (2 m) *1	47 mm *2	NO	E2E-X5MB1D12 2M	E2E-X5MC112 2M
					NC	E2E-X5MB212 2M	E2E-X5MC212 2M
NO+NC		E2E-X5MB3D12 2M			E2E-X5MC312 2M		
69 mm		NO		E2E-X5MB1DL12 2M	E2E-X5MC1L12 2M		
		NC		E2E-X5MB2L12 2M	E2E-X5MC2L12 2M		
		NO+NC		E2E-X5MB3DL12 2M	E2E-X5MC3L12 2M		
M12 Pre-wired Smartclick Connector (0.3 m)		47 mm *3		NO	E2E-X5MB1D12-M1TJ 0.3M	E2E-X5MC112-M1TJ 0.3M	
				NC	E2E-X5MB212-M1TJ 0.3M	E2E-X5MC212-M1TJ 0.3M	
				NO+NC	E2E-X5MB3D12-M1TJ 0.3M	E2E-X5MC312-M1TJ 0.3M	
		69 mm	NO	E2E-X5MB1DL12-M1TJ 0.3M	E2E-X5MC1L12-M1TJ 0.3M		
			NC	E2E-X5MB2L12-M1TJ 0.3M	E2E-X5MC2L12-M1TJ 0.3M		
			NO+NC	E2E-X5MB3DL12-M1TJ 0.3M	E2E-X5MC3L12-M1TJ 0.3M		
M12 Connector		48 mm	NO	E2E-X5MB1D12-M1	E2E-X5MC112-M1		
			NC	E2E-X5MB212-M1	E2E-X5MC212-M1		
			NO+NC	E2E-X5MB3D12-M1	E2E-X5MC312-M1		
		70 mm	NO	E2E-X5MB1DL12-M1	E2E-X5MC1L12-M1		
			NC	E2E-X5MB2L12-M1	E2E-X5MC2L12-M1		
			NO+NC	E2E-X5MB3DL12-M1	E2E-X5MC3L12-M1		

E2E/E2EQ NEXT Series DC 3-wire

E2E/E2EQ NEXT Series DC 2-wire

X55 NEXT Series

X55

X53

E2E/E2EQ NEXT Series

BASIC Model

Size (Sensing distance)	Connection method	Body size	Operation mode	Model	
				PNP	NPN
M18 (10mm)	Pre-wired (2 m) *1	55 mm *2	NO	E2E-X10MB1D18 2M	E2E-X10MC118 2M
			NC	E2E-X10MB218 2M	E2E-X10MC218 2M
			NO+NC	E2E-X10MB3D18 2M	E2E-X10MC318 2M
		77 mm	NO	E2E-X10MB1DL18 2M	E2E-X10MC1L18 2M
			NC	E2E-X10MB2L18 2M	E2E-X10MC2L18 2M
			NO+NC	E2E-X10MB3DL18 2M	E2E-X10MC3L18 2M
	M12 Pre-wired Smartclick Connector (0.3 m)	55 mm *3	NO	E2E-X10MB1D18-M1TJ 0.3M	E2E-X10MC118-M1TJ 0.3M
			NC	E2E-X10MB218-M1TJ 0.3M	E2E-X10MC218-M1TJ 0.3M
			NO+NC	E2E-X10MB3D18-M1TJ 0.3M	E2E-X10MC318-M1TJ 0.3M
		77 mm	NO	E2E-X10MB1DL18-M1TJ 0.3M	E2E-X10MC1L18-M1TJ 0.3M
			NC	E2E-X10MB2L18-M1TJ 0.3M	E2E-X10MC2L18-M1TJ 0.3M
			NO+NC	E2E-X10MB3DL18-M1TJ 0.3M	E2E-X10MC3L18-M1TJ 0.3M
	M12 Connector	53 mm	NO	E2E-X10MB1D18-M1	E2E-X10MC118-M1
			NC	E2E-X10MB218-M1	E2E-X10MC218-M1
			NO+NC	E2E-X10MB3D18-M1	E2E-X10MC318-M1
		75 mm	NO	E2E-X10MB1DL18-M1	E2E-X10MC1L18-M1
			NC	E2E-X10MB2L18-M1	E2E-X10MC2L18-M1
			NO+NC	E2E-X10MB3DL18-M1	E2E-X10MC3L18-M1
M30 (18mm)	Pre-wired (2 m) *1	60 mm *2	NO	E2E-X18MB1D30 2M	E2E-X18MC130 2M
			NC	E2E-X18MB230 2M	E2E-X18MC230 2M
			NO+NC	E2E-X18MB3D30 2M	E2E-X18MC330 2M
		82 mm	NO	E2E-X18MB1DL30 2M	E2E-X18MC1L30 2M
			NC	E2E-X18MB2L30 2M	E2E-X18MC2L30 2M
			NO+NC	E2E-X18MB3DL30 2M	E2E-X18MC3L30 2M
	M12 Pre-wired Smartclick Connector (0.3 m)	60 mm *3	NO	E2E-X18MB1D30-M1TJ 0.3M	E2E-X18MC130-M1TJ 0.3M
			NC	E2E-X18MB230-M1TJ 0.3M	E2E-X18MC230-M1TJ 0.3M
			NO+NC	E2E-X18MB3D30-M1TJ 0.3M	E2E-X18MC330-M1TJ 0.3M
		82 mm	NO	E2E-X18MB1DL30-M1TJ 0.3M	E2E-X18MC1L30-M1TJ 0.3M
			NC	E2E-X18MB2L30-M1TJ 0.3M	E2E-X18MC2L30-M1TJ 0.3M
			NO+NC	E2E-X18MB3DL30-M1TJ 0.3M	E2E-X18MC3L30-M1TJ 0.3M
	M12 Connector	58 mm	NO	E2E-X18MB1D30-M1	E2E-X18MC130-M1
			NC	E2E-X18MB230-M1	E2E-X18MC230-M1
			NO+NC	E2E-X18MB3D30-M1	E2E-X18MC330-M1
		80 mm	NO	E2E-X18MB1DL30-M1	E2E-X18MC1L30-M1
			NC	E2E-X18MB2L30-M1	E2E-X18MC2L30-M1
			NO+NC	E2E-X18MB3DL30-M1	E2E-X18MC3L30-M1

*1. Models with 5-m cable length are also available (Example: E2E-X5MB1D12 5M)

*2. Models with 2-m and 5-m robot (bending-resistant) cables are also available with "-R" in the model number. (Example: E2E-X5MB1D12-R 2M/E2E-X5MB1D12-R 5M)

*3. Models with M12 Smartclick connector model robot (bending-resistant) cables are also available with "R" in the model number. (Example: E2E-X5MB1D12-M1TJR 2M)

Note: 1. Models in are equipped with IO-Link (COM2). For IO-Link (COM3), select a model number with the format of "E2E-X□□□T□" (Example: E2E-X5MB1T12 2M).

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

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