

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

XS5 NEXT Series

XS5

XS3

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 model 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

XS5 NEXT Series

XS5

XS3

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□□□T□" (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

XS5 NEXT Series

XS5

XS3

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□□□T□" (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
	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

XS5 NEXT Series

XS5

XS3

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.