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

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□□□T□" (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.