# 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.