

## Ordering Information

## PREMIUM Model

## E2E NEXT Series (Quadruple distance model)

DC 3-wire [Refer to *Dimensions* on page 50.]

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

### 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 48.

\*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.