

Ordering Information

Note: DC 2-Wire Models have been integrated into the E2E NEXT Series at the end of october 2022.
Refer to the catalog (Cat. No. D120) for details.

2-Wire Models

Shielded DC 2-wire Models with No Self-diagnostic Output [Refer to *Dimensions* on page 20.]



Appearance	Sensing distance			Connection method	Cable specifications	Polarity	Operation mode	Pin arrangement	Applicable connector code *2	Model
M8	2 mm			M12 Pre-wired Smart-click Connector Models (0.3m)	PVC (oil-resistant)	Yes	NO	1: +V, 4: 0 V	E	E2E-X2D1-M1TGJ 0.3M
				Pre-wired Models (2 m)	PVC (oil-resistant)		NO	---	---	E2E-X2D1-N 2M
							NC	---	---	E2E-X2D2-N 2M
				M12 Connector Models	---		NO	1: +V, 4: 0 V	A	E2E-X2D1-M1G
							NC	1: +V, 2: 0 V	D	E2E-X2D2-M1G
				M8 Connector Models	---		NO	1: +V, 4: 0 V	F	E2E-X2D1-M3G
							NC	1: +V, 2: 0 V		E2E-X2D2-M3G
M12	3 mm			M12 Pre-wired Smart-click Connector Models (0.3m)	PVC (oil-resistant)	Yes	NO	1: +V, 4: 0 V	E	E2E-X3D1-M1TGJ 0.3M
				Pre-wired Models (2 m)	PVC (oil-resistant)		NO	---	---	E2E-X3D1-N 2M *1
							NC	---	---	E2E-X3D2-N 2M
				M12 Connector Models	---		NO	1: +V, 4: 0 V	A	E2E-X3D1-M1G *1
							NC	1: +V, 2: 0 V	D	E2E-X3D2-M1G
				M12 Standard Pre-wired Connector Models (0.3 m)	PVC (oil-resistant)	Yes	NO	1: +V, 4: 0 V	A	E2E-X3D1-M1GJ 0.3M
							NC	1: +V, 2: 0 V	D	E2E-X3D2-M1GJ 0.3M
							NO	(3, 4): (+V, 0 V)	C	E2E-X3D1-M1J-T 0.3M
							NC	(1, 2): (+V, 0 V)	D	---
M18	7 mm			M12 Pre-wired Smart-click Connector Models (0.3m)	PVC (oil-resistant)	Yes	NO	1: +V, 4: 0 V	E	E2E-X7D1-M1TGJ 0.3M
				Pre-wired Models (2 m)	PVC (oil-resistant)		NO	---	---	E2E-X7D1-N 2M *1
							NC	---	---	E2E-X7D2-N 2M
				M12 Connector Models	---		NO	1: +V, 4: 0 V	A	E2E-X7D1-M1G *1
							NC	1: +V, 2: 0 V	D	E2E-X7D2-M1G
				M12 Standard Pre-wired Connector Models (0.3 m)	PVC (oil-resistant)	Yes	NO	1: +V, 4: 0 V	A	E2E-X7D1-M1GJ 0.3M
							NC	1: +V, 2: 0 V	D	E2E-X7D2-M1GJ 0.3M
							NO	(3, 4): (+V, 0 V)	C	E2E-X7D1-M1J-T 0.3M
							NC	(1, 2): (+V, 0 V)	D	E2E-X7D2-M1J-T 0.3M
M30	10 mm			M12 Pre-wired Smart-click Connector Models (0.3m)	PVC (oil-resistant)	Yes	NO	1: +V, 4: 0 V	E	E2E-X10D1-M1TGJ 0.3M
				Pre-wired Models (2 m)	PVC (oil-resistant)		NO	---	---	E2E-X10D1-N 2M *1
							NC	---	---	E2E-X10D2-N 2M
				M12 Connector Models	---		NO	1: +V, 4: 0 V	A	E2E-X10D1-M1G *1
							NC	1: +V, 2: 0 V	D	E2E-X10D2-M1G
				M12 Standard Pre-wired Connector Models (0.3 m)	PVC (oil-resistant)	Yes	NO	1: +V, 4: 0 V	A	E2E-X10D1-M1GJ 0.3M
							NC	1: +V, 2: 0 V	D	E2E-X10D2-M1GJ 0.3M
							NO	(3, 4): (+V, 0 V)	C	E2E-X10D1-M1J-T 0.3M
							NC	(1, 2): (+V, 0 V)	D	E2E-X10D2-M1J-T 0.3M

*1. Models with different frequencies are also available. The model number is E2E-X □D15 (example: E2E-X3D15-N 2M).

*2. Refer to page 15 for details.

*3. The residual voltage for models without polarity is 5 V, so use caution concerning the connection load interface conditions (e.g., PLC ON voltage).
Refer to page 19