

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

Unshielded DC 2-Wire Models with No Self-diagnosis 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		4 mm		Pre-wired Models (2 m)	PVC (oil-resistant)	Yes	NO	---	---	E2E-X4MD1 2M
							NC			E2E-X4MD2 2M
				M12 Connector Models	---		NO	1: +V, 4: 0 V	A	E2E-X4MD1-M1G
							NC	1: +V, 2: 0 V	D	E2E-X4MD2-M1G
				M8 Connector Models	---		NO	1: +V, 4: 0 V	F	E2E-X4MD1-M3G
							NC	1: +V, 2: 0 V		E2E-X4MD2-M3G
M12		8 mm		M12 Pre-wired Smart-click Connector Models (0.3m)	PVC (oil-resistant)		NO	1: +V, 4: 0 V	E	E2E-X8MD1-M1TGJ 0.3M
							NO	---	---	E2E-X8MD1 2M *1
				Pre-wired Models (2 m)	PVC (oil-resistant)		NC			E2E-X8MD2 2M
				M12 Connector Models	---		NO	1: +V, 4: 0 V	A	E2E-X8MD1-M1G *1
							NC	1: +V, 2: 0 V	D	E2E-X8MD2-M1G
				M12 Standard Pre-wired Connector Models (0.3 m)	PVC (oil-resistant)		NO	1: +V, 4: 0 V	A	E2E-X8MD1-M1GJ 0.3M
M18		14 mm		M12 Pre-wired Smart-click Connector Models (0.3m)	PVC (oil-resistant)		NO	1: +V, 4: 0 V	E	E2E-X14MD1-M1TGJ 0.3M
							NO	---	---	E2E-X14MD1 2M *1
				Pre-wired Models (2 m)	PVC (oil-resistant)		NC			E2E-X14MD2 2M
				M12 Connector Models	---		NO	1: +V, 4: 0 V	A	E2E-X14MD1-M1G *1
							NC	1: +V, 2: 0 V	D	E2E-X14MD2-M1G
				M12 Standard Pre-wired Connector Models (0.3 m)	PVC (oil-resistant)		NO	1: +V, 4: 0 V	A	E2E-X14MD1-M1GJ 0.3M
M30		20 mm		M12 Pre-wired Smart-click Connector Models (0.3m)	PVC (oil-resistant)		NO	1: +V, 4: 0 V	E	E2E-X20MD1-M1TGJ 0.3M
							NO	---	---	E2E-X20MD1 2M *1
				Pre-wired Models (2 m)	PVC (oil-resistant)		NC			E2E-X20MD2 2M
				M12 Connector Models	---		NO	1: +V, 4: 0 V	A	E2E-X20MD1-M1G *1
							NC	1: +V, 2: 0 V	D	E2E-X20MD2-M1G
				M12 Standard Pre-wired Connector Models (0.3 m)	PVC (oil-resistant)		NO	1: +V, 4: 0 V	A	E2E-X20MD1-M1GJ 0.3M
							NC	1: +V, 2: 0 V	D	---

*1. Models with different frequencies are also available. The model number is E2E-X □D15 (example: E2E-X8MD15 2M).

*2. Refer to page 15 for details.