

DC 3-wire/Pre-wired Models

Size		Sensing distance	Output configuration	Model
Shielded 	3 dia.	0.6 mm	NPN NO	E2E-CR6C1
			NPN NC	E2E-CR6C2
			PNP NO	E2E-CR6B1
			PNP NC	E2E-CR6B2
	4 dia.	0.8 mm	NPN NO	E2E-CR8C1 (See notes 1 and 2.)
			NPN NC	E2E-CR8C2
			PNP NO	E2E-CR8B1
			PNP NC	E2E-CR8B2
	M5	1 mm	NPN NO	E2E-X1C1 (See notes 1 and 2.)
			NPN NC	E2E-X1C2
			PNP NO	E2E-X1B1
			PNP NC	E2E-X1B2
	5.4 dia.	1 mm	NPN NO	E2E-C1C1 (See notes 1 and 2.)
			NPN NC	E2E-C1C2
			PNP NO	E2E-C1B1
			PNP NC	E2E-C1B2
	M8	1.5 mm	NPN NO	E2E-X1R5E1 (See notes 1 and 2.)
			NPN NC	E2E-X1R5E2
			PNP NO	E2E-X1R5F1
			PNP NC	E2E-X1R5F2
	M12	2 mm	NPN NO	E2E-X2E1 (See notes 1, 2, 3, and 4.)
			NPN NC	E2E-X2E2 (See notes 3 and 4.)
			PNP NO	E2E-X2F1
			PNP NC	E2E-X2F2
	M18	5 mm	NPN NO	E2E-X5E1 (See notes 1, 2, 3, and 4.)
			NPN NC	E2E-X5E2 (See notes 3 and 4.)
			PNP NO	E2E-X5F1
			PNP NC	E2E-X5F2
	M30	10 mm	NPN NO	E2E-X10E1 (See notes 1, 2, 3, and 4.)
			NPN NC	E2E-X10E2 (See notes 3 and 4.)
			PNP NO	E2E-X10F1
			PNP NC	E2E-X10F2

Size		Sensing distance	Output configuration	Model
Un-shielded 	M8	2 mm	NPN NO	E2E-X2ME1 (See note 2.)
			NPN NC	E2E-X2ME2
			PNP NO	E2E-X2MF1
			PNP NC	E2E-X2MF2
	M12	5 mm	NPN NO	E2E-X5ME1 (See notes 1, 2, 3, and 4.)
			NPN NC	E2E-X5ME2 (See notes 3 and 4.)
			PNP NO	E2E-X5MF1
			PNP NC	E2E-X5MF2
	M18	10 mm	NPN NO	E2E-X10ME1 (See notes 1, 2, 3, and 4.)
			NPN NC	E2E-X10ME2 (See notes 3 and 4.)
			PNP NO	E2E-X10MF1
			PNP NC	E2E-X10MF2
	M30	18 mm	NPN NO	E2E-X18ME1 (See notes 1, 2, 3, and 4.)
			NPN NC	E2E-X18ME2 (See notes 3 and 4.)
			PNP NO	E2E-X18MF1
			PNP NC	E2E-X18MF2

Note 1. Cables with a length of 5 m are also available. Specify the cable length at the end of the model number (e.g., E2E-X2E1 5M).

2. Models with a robotics cable are also available. These models are E2E-X□E1-R (e.g., E2E-X5E1-R).

3. Models with a different frequency are also available. These models are E2E-X□E□5 (e.g., E2E-X5E15).

4. These models have e-CON connectors (0.3 m cable length), which is indicated by the suffix "ECON" (e.g., E2E-X2E1-ECON).

AC 2-wire/Pre-wired Models

Size		Sensing distance	Operation mode	Model
Shielded 	M8	1.5 mm	NO	E2E-X1R5Y1
			NC	E2E-X1R5Y2
	M12	2 mm	NO	E2E-X2Y1 (See notes 1 and 2.)
			NC	E2E-X2Y2
	M18	5 mm	NO	E2E-X5Y1 (See notes 1 and 2.)
			NC	E2E-X5Y2
	M30	10 mm	NO	E2E-X10Y1 (See notes 1 and 2.)
			NC	E2E-X10Y2
Un-shielded 	M8	2 mm	NO	E2E-X2MY1
			NC	E2E-X2MY2
	M12	5 mm	NO	E2E-X5MY1 (See notes 1 and 2.)
			NC	E2E-X5MY2
	M18	10 mm	NO	E2E-X10MY1 (See note 1.)
			NC	E2E-X10MY2
	M30	18 mm	NO	E2E-X18MY1 (See note 1.)
			NC	E2E-X18MY2

Note 1. Models with a different frequency are also available. These models are E2E-X□Y□5 (e.g., E2E-X5Y15).

2. Cables with a length of 5 m are also available. Specify the cable length at the end of the model number (e.g., E2E-X2Y1 5M).

DC 3-wire/Connector Models

Connector	Size		Sensing distance	Output configuration	Model
M12	Shielded 	M8	1.5 mm	NPN NO	E2E-X1R5E1-M1
				NPN NC	E2E-X1R5E2-M1
				PNP NO	E2E-X1R5F1-M1
				PNP NC	E2E-X1R5F2-M1
		M12	2 mm	NPN NO	E2E-X2E1-M1
				NPN NC	E2E-X2E2-M1
				PNP NO	E2E-X2F1-M1
				PNP NC	E2E-X2F2-M1
		M18	5 mm	NPN NO	E2E-X5E1-M1
				NPN NC	E2E-X5E2-M1
				PNP NO	E2E-X5F1-M1
				PNP NC	E2E-X5F2-M1
		M30	10 mm	NPN NO	E2E-X10E1-M1
				NPN NC	E2E-X10E2-M1
				PNP NO	E2E-X10F1-M1
				PNP NC	E2E-X10F2-M1
	Un-shielded 	M8	2 mm	NPN NO	E2E-X2ME1-M1
				NPN NC	E2E-X2ME2-M1
				PNP NO	E2E-X2MF1-M1
				PNP NC	E2E-X2MF2-M1
		M12	5 mm	NPN NO	E2E-X5ME1-M1
				NPN NC	E2E-X5ME2-M1
				PNP NO	E2E-X5MF1-M1
				PNP NC	E2E-X5MF2-M1
		M18	10 mm	NPN NO	E2E-X10ME1-M1
				NPN NC	E2E-X10ME2-M1
				PNP NO	E2E-X10MF1-M1
				PNP NC	E2E-X10MF2-M1
		M30	18 mm	NPN NO	E2E-X18ME1-M1
				NPN NC	E2E-X18ME2-M1
				PNP NO	E2E-X18MF1-M1
				PNP NC	E2E-X18MF2-M1
M8-3 pin	Shielded 	4 dia.	0.8 mm	NPN NO	E2E-CR8C1-M5
				NPN NC	E2E-CR8C2-M5
				PNP NO	E2E-CR8B1-M5
				PNP NC	E2E-CR8B2-M5
		M5	1 mm	NPN NO	E2E-X1C1-M5
				NPN NC	E2E-X1C2-M5
				PNP NO	E2E-X1B1-M5
				PNP NC	E2E-X1B2-M5
M8	Shielded 	M8	1.5 mm	NPN NO	E2E-X1R5E1-M3
				NPN NC	E2E-X1R5E2-M3
				PNP NO	E2E-X1R5F1-M3
				PNP NC	E2E-X1R5F2-M3
	Un-shielded 	M8	2 mm	NPN NO	E2E-X2ME1-M3
				NPN NC	E2E-X2ME2-M3
				PNP NO	E2E-X2MF1-M3
				PNP NC	E2E-X2MF2-M3

AC 2-wire/Connector Models

Size		Sensing distance	Operation mode	Model
Shielded 	M12	2 mm	NO	E2E-X2Y1-M1
			NC	E2E-X2Y2-M1
	M18	5 mm	NO	E2E-X5Y1-M1
			NC	E2E-X5Y2-M1
	M30	10 mm	NO	E2E-X10Y1-M1
			NC	E2E-X10Y2-M1
Un-shielded 	M12	5 mm	NO	E2E-X5MY1-M1
			NC	E2E-X5MY2-M1
	M18	10 mm	NO	E2E-X10MY1-M1
			NC	E2E-X10MY2-M1
	M30	18 mm	NO	E2E-X18MY1-M1
			NC	E2E-X18MY2-M1

AC/DC 2-wire/Pre-wired Models

Size		Sensing distance	Operation mode	Model
	M12	3 mm	NO	E2E-X3T1
	M18	7 mm		E2E-X7T1 (See note 2.)
	M30	10 mm		E2E-X10T1

Note 1. These models do not conform to CE standards.

2. Cables with a length of 5 m are also available as standard models. Specify the cable length at the end of the model number (e.g., E2E-X7T1 5M).