

DC 3-wire/Pre-wired Models

Type	Size	Sensing distance	Output configuration	Part number
Shielded	4 dia.*	0.8 mm	NPN NO	E2E-CR8C1 (see note 2)
			NPN NC	E2E-CR8C2
			PNP NO	E2E-CR8B1
	M5*	1 mm	NPN NO	E2E-X1C1 (see note 2)
			NPN NC	E2E-X1C2
			PNP NO	E2E-X1B1
	5.4 dia.*	1 mm	NPN NO	E2E-C1C1 (see note 2)
			NPN NC	E2E-C1C2
			PNP NO	E2E-C1B1
	M8	1.5 mm	NPN NO	E2E-X1R5E1 (see note 2)
			NPN NC	E2E-X1R5E2
			PNP NO	E2E-X1R5F1 (see note 2)
			PNP NC	E2E-X1R5F2
	M12	2 mm	NPN NO	E2E-X2E1 (see notes 1 and 2)
			NPN NC	E2E-X2E2
			PNP NO	E2E-X2F1 (see note 2)
			PNP NC	E2E-X2F2
	M18	5 mm	NPN NO	E2E-X5E1 (see notes 1 and 2)
			NPN NC	E2E-X5E2
			PNP NO	E2E-X5F1 (see note 2)
			PNP NC	E2E-X5F2
	M30	10 mm	NPN NO	E2E-X10E1 (see notes 1 and 2)
			NPN NC	E2E-X10E2
			PNP NO	E2E-X10F1 (see note 2)
			PNP NC	E2E-X10F2
Un-shielded	M8	2 mm	NPN NO	E2E-X2ME1 (see note 2)
			NPN NC	E2E-X2ME2
			PNP NO	E2E-X2MF1 (see note 2)
			PNP NC	E2E-X2MF2
	M12	5 mm	NPN NO	E2E-X5ME1 (see notes 1 and 2)
			NPN NC	E2E-X5ME2
			PNP NO	E2E-X5MF1 (see note 2)
			PNP NC	E2E-X5MF2
	M18	10 mm	NPN NO	E2E-X10ME1 (see notes 1 and 2)
			NPN NC	E2E-X10ME2
			PNP NO	E2E-X10MF1 (see note 2)
			PNP NC	E2E-X10MF2

Type	Size	Sensing distance	Output configuration	Part number
Un-shielded	M30	18 mm	NPN NO	E2E-X18ME1 (see notes 1 and 2)
			NPN NC	E2E-X18ME2
			PNP NO	E2E-X18MF1 (see note 2)
			PNP NC	E2E-X18MF2

- Note:**
1. In addition to the above models, E2E-X□E15 models (e.g., E2E-X5E15), which are different in frequency from the above models, are available.
 2. E2E DC 3-wire with a robotics cable are available as well. The model number of a model with a robotics cable has the suffix "-R" (e.g., E2E-X5E1-R).
 3. Those marked with "*" are not subject to any design change and are the same as the conventional models.

AC 2-wire/Pre-wired Models

Type	Size	Sensing distance	Output configuration	Part number
Shielded	M8	1.5 mm	NO	E2E-X1R5Y1
			NC	E2E-X1R5Y2
	M12	2 mm	NO	E2E-X2Y1 (see note)
			NC	E2E-X2Y2 (see note)
	M18	5 mm	NO	E2E-X5Y1 (see note)
			NC	E2E-X5Y2 (see note)
	M30	10 mm	NO	E2E-X10Y1 (see note)
			NC	E2E-X10Y2 (see note)
Un-shielded	M8	2 mm	NO	E2E-X2MY1
			NC	E2E-X2MY2
	M12	5 mm	NO	E2E-X5MY1 (see note)
			NC	E2E-X5MY2 (see note)
	M18	10 mm	NO	E2E-X10MY1 (see note)
			NC	E2E-X10MY2 (see note)
	M30	18 mm	NO	E2E-X18MY1 (see note)
			NC	E2E-X18MY2 (see note)

- Note:** In addition to the above models, E2E-X□Y15 models (e.g., E2E-X5Y15), which are different in frequency from the above models, are available.

DC 3-wire/Plug-in Models

Connector	Type	Size	Sensing distance	Output configuration	Part number
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 (see note 2)	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

- Note:**
1. The material has been changed from plastic, “-P1,” to metal, “-M1.”
 2. New addition to the product line-up.

AC 2-wire/Plug-in Models

Type	Size	Sensing distance	Output configuration	Part number
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

Note: The material has been changed from plastic, “-P1,” to metal, “-M1.”

AC/DC 2-wire Models

Type	Size	Sensing distance	Output configuration	Part number
Shielded	M12	3 mm	NO	E2E-X3T1
	M18	7 mm		E2E-X7T1
	M30	10 mm		E2E-X10T1

Note: The last two characters, “-1,” are omitted from the model names.