

Cylindrical Proximity Sensor

E2EL

A new series of easy-to-use models for standard- and double-distance

- Stainless steel and brass housing
- Two housing length for each type
- Pre-wired and Plug-in connector types
- Short-circuit protection and reverse polarity protection



Ordering Information

■ Cable types

Brass housing

Diameter	Length	Mounting	Sensing Distance	Output			
				NPN / NO	NPN / NC	PNP / NO	PNP / NC
Ø6,5	30 mm	Shielded	1,5 mm	E2EL-C1R5E1 2M	E2EL-C1R5E2 2M	E2EL-C1R5F1 2M	E2EL-C1R5F2 2M
	32 mm	Non-shielded	2,0 mm	E2EL-C2ME1 2M	E2EL-C2ME2 2M	E2EL-C2MF1 2M	E2EL-C2MF2 2M
	45 mm	Shielded	1,5 mm	E2EL-C1R5E1-L 2M	E2EL-C1R5E2-L 2M	E2EL-C1R5F1-L 2M	E2EL-C1R5F2-L 2M
	47 mm	Non-shielded	2,0 mm	E2EL-C2ME1-L 2M	E2EL-C2ME2-L 2M	E2EL-C2MF1-L 2M	E2EL-C2MF2-L 2M
M8	30 mm	Shielded	1,5 mm	E2EL-X1R5E1 2M	E2EL-X1R5E2 2M	E2EL-X1R5F1 2M	E2EL-X1R5F2 2M
	32 mm	Non-shielded	2,0 mm	E2EL-X2ME1 2M	E2EL-X2ME2 2M	E2EL-X2MF1 2M	E2EL-X2MF2 2M
	45 mm	Shielded	1,5 mm	E2EL-X1R5E1-L 2M	E2EL-X1R5E2-L 2M	E2EL-X1R5F1-L 2M	E2EL-X1R5F2-L 2M
	47 mm	Non-shielded	2,0 mm	E2EL-X2ME1-L 2M	E2EL-X2ME2-L 2M	E2EL-X2MF1-L 2M	E2EL-X2MF2-L 2M
M12	41 mm	Shielded	2,0 mm	E2EL-X2E1 2M	E2EL-X2E2 2M	E2EL-X2F1 2M	E2EL-X2F2 2M
		Shielded	4,0 mm	E2EL-X4E1-D 2M	E2EL-X4E2-D 2M	E2EL-X4F1-D 2M	E2EL-X4F2-D 2M
		Non-shielded	4,0 mm	E2EL-X4ME1 2M	E2EL-X4ME2 2M	E2EL-X4MF1 2M	E2EL-X4MF2 2M
	53 mm	Shielded	2,0 mm	E2EL-X2E1-L 2M	E2EL-X2E2-L 2M	E2EL-X2F1-L 2M	E2EL-X2F2-L 2M
		Shielded	4,0 mm	E2EL-X4E1-DL 2M	E2EL-X4E2-DL 2M	E2EL-X4F1-DL 2M	E2EL-X4F2-DL 2M
		Non-shielded	4,0 mm	E2EL-X4ME1-L 2M	E2EL-X4ME2-L 2M	E2EL-X4MF1-L 2M	E2EL-X4MF2-L 2M
M18	40 mm	Shielded	5,0 mm	E2EL-X5E1 2M	E2EL-X5E2 2M	E2EL-X5F1 2M	E2EL-X5F2 2M
		Shielded	8,0 mm	E2EL-X8E1-D 2M	E2EL-X8E2-D 2M	E2EL-X8F1-D 2M	E2EL-X8F2-D 2M
		Non-shielded	8,0 mm	E2EL-X8ME1 2M	E2EL-X8ME2 2M	E2EL-X8MF1 2M	E2EL-X8MF2 2M
	73 mm	Shielded	5,0 mm	E2EL-X5E1-L 2M	E2EL-X5E2-L 2M	E2EL-X5F1-L 2M	E2EL-X5F2-L 2M
		Shielded	8,0 mm	E2EL-X8E1-DL 2M	E2EL-X8E2-DL 2M	E2EL-X8F1-DL 2M	E2EL-X8F2-DL 2M
		Non-shielded	8,0 mm	E2EL-X8ME1-L 2M	E2EL-X8ME2-L 2M	E2EL-X8MF1-L 2M	E2EL-X8MF2-L 2M
M30	40 mm	Shielded	10,0 mm	E2EL-X10E1 2M	E2EL-X10E2 2M	E2EL-X10F1 2M	E2EL-X10F2 2M
		Non-shielded	15,0 mm	E2EL-X15ME1 2M	E2EL-X15ME2 2M	E2EL-X15MF1 2M	E2EL-X15MF2 2M
	80 mm	Shielded	10,0 mm	E2EL-X10E1-L 2M	E2EL-X10E2-L 2M	E2EL-X10F1-L 2M	E2EL-X10F2-L 2M
		Non-shielded	15,0 mm	E2EL-X15ME1-L 2M	E2EL-X15ME2-L 2M	E2EL-X15MF1-L 2M	E2EL-X15MF2-L 2M

Stainless steel housing

Diameter	Length	Mounting	Sensing Distance	Output			
				NPN / NO	NPN / NC	PNP / NO	PNP / NC
Ø6,5	30 mm	Shielded	2,0 mm	E2EL-C2E1-DS 2M	E2EL-C2E2-DS 2M	E2EL-C2F1-DS 2M	E2EL-C2F2-DS 2M
	45 mm	Shielded	2,0 mm	E2EL-C2E1-DSL 2M	E2EL-C2E2-DSL 2M	E2EL-C2F1-DSL 2M	E2EL-C2F2-DSL 2M
M8	30 mm	Shielded	2,0 mm	E2EL-X2E1-DS 2M	E2EL-X2E2-DS 2M	E2EL-X2F1-DS 2M	E2EL-X2F2-DS 2M
	45 mm	Shielded	2,0 mm	E2EL-X2E1-DSL 2M	E2EL-X2E2-DSL 2M	E2EL-X2F1-DSL 2M	E2EL-X2F2-DSL 2M
M12	41 mm	Shielded	4,0 mm	E2EL-X4E1-DS 2M	E2EL-X4E2-DS 2M	E2EL-X4F1-DS 2M	E2EL-X4F2-DS 2M
	53 mm	Shielded	4,0 mm	E2EL-X4E1-DSL 2M	E2EL-X4E2-DSL 2M	E2EL-X4F1-DSL 2M	E2EL-X4F2-DSL 2M
M18	40 mm	Shielded	8,0 mm	E2EL-X8E1-DS 2M	E2EL-X8E2-DS 2M	E2EL-X8F1-DS 2M	E2EL-X8F2-DS 2M
	73 mm	Shielded	8,0 mm	E2EL-X8E1-DSL 2M	E2EL-X8E2-DSL 2M	E2EL-X8F1-DSL 2M	E2EL-X8F2-DSL 2M

■ Plug types

Brass housing

Diameter / Connection	Length	Mounting	Sensing Distance	Output			
				NPN / NO	NPN / NC	PNP / NO	PNP / NC
Ø6,5 / Plug M8	45 mm	Shielded	1,5 mm	E2EL-C1R5E1-M3	E2EL-C1R5E2-M3	E2EL-C1R5F1-M3	E2EL-C1R5F2-M3
	47 mm	Non-shielded	2,0 mm	E2EL-C2ME1-M3	E2EL-C2ME2-M3	E2EL-C2MF1-M3	E2EL-C2MF2-M3
	54 mm	Shielded	1,5 mm	E2EL-C1R5E1-M3L	E2EL-C1R5E2-M3L	E2EL-C1R5F1-M3L	E2EL-C1R5F2-M3L
	56 mm	Non-shielded	2,0 mm	E2EL-C2ME1-M3L	E2EL-C2ME2-M3L	E2EL-C2MF1-M3L	E2EL-C2MF2-M3L
M8 / Plug M8	45 mm	Shielded	1,5 mm	E2EL-X1R5E1-M3	E2EL-X1R5E2-M3	E2EL-X1R5F1-M3	E2EL-X1R5F2-M3
	47 mm	Non-shielded	2,0 mm	E2EL-X2ME1-M3	E2EL-X2ME2-M3	E2EL-X2MF1-M3	E2EL-X2MF2-M3
	54 mm	Shielded	1,5 mm	E2EL-X1R5E1-M3L	E2EL-X1R5E2-M3L	E2EL-X1R5F1-M3L	E2EL-X1R5F2-M3L
	56 mm	Non-shielded	2,0 mm	E2EL-X2ME1-M3L	E2EL-X2ME2-M3L	E2EL-X2MF1-M3L	E2EL-X2MF2-M3L
M8 / Plug M12	44 mm	Shielded	1,5 mm	E2EL-X1R5E1-M1	E2EL-X1R5E2-M1	E2EL-X1R5F1-M1	E2EL-X1R5F2-M1
	46 mm	Non-shielded	2,0 mm	E2EL-X2ME1-M1	E2EL-X2ME2-M1	E2EL-X2MF1-M1	E2EL-X2MF2-M1
	60 mm	Shielded	1,5 mm	E2EL-X1R5E1-M1L	E2EL-X1R5E2-M1L	E2EL-X1R5F1-M1L	E2EL-X1R5F2-M1L
	62 mm	Non-shielded	2,0 mm	E2EL-X2ME1-M1L	E2EL-X2ME2-M1L	E2EL-X2MF1-M1L	E2EL-X2MF2-M1L
M12 / Plug M12	49 mm	Shielded	2,0 mm	E2EL-X2E1-M1	E2EL-X2E2-M1	E2EL-X2F1-M1	E2EL-X2F2-M1
		Shielded	4,0 mm	E2EL-X4E1-DM1	E2EL-X4E2-DM1	E2EL-X4F1-DM1	E2EL-X4F2-DM1
		Non-shielded	4,0 mm	E2EL-X4ME1-M1	E2EL-X4ME2-M1	E2EL-X4MF1-M1	E2EL-X4MF2-M1
	60 mm	Shielded	2,0 mm	E2EL-X2E1-M1L	E2EL-X2E2-M1L	E2EL-X2F1-M1L	E2EL-X2F2-M1L
		Shielded	4,0 mm	E2EL-X4E1-DM1L	E2EL-X4E2-DM1L	E2EL-X4F1-DM1L	E2EL-X4F2-DM1L
		Non-shielded	4,0 mm	E2EL-X4ME1-M1L	E2EL-X4ME2-M1L	E2EL-X4MF1-M1L	E2EL-X4MF2-M1L
M18 / Plug M12	53 mm	Shielded	5,0 mm	E2EL-X5E1-M1	E2EL-X5E2-M1	E2EL-X5F1-M1	E2EL-X5F2-M1
		Shielded	8,0 mm	E2EL-X8E1-DM1	E2EL-X8E2-DM1	E2EL-X8F1-DM1	E2EL-X8F2-DM1
		Non-shielded	8,0 mm	E2EL-X8ME1-M1	E2EL-X8ME2-M1	E2EL-X8MF1-M1	E2EL-X8MF2-M1
	80 mm	Shielded	5,0 mm	E2EL-X5E1-M1L	E2EL-X5E2-M1L	E2EL-X5F1-M1L	E2EL-X5F2-M1L
		Shielded	8,0 mm	E2EL-X8E1-DM1L	E2EL-X8E2-DM1L	E2EL-X8F1-DM1L	E2EL-X8F2-DM1L
		Non-shielded	8,0 mm	E2EL-X8ME1-M1L	E2EL-X8ME2-M1L	E2EL-X8MF1-M1L	E2EL-X8MF2-M1L
M30 / Plug M12	55 mm	Shielded	10,0 mm	E2EL-X10E1-M1	E2EL-X10E2-M1	E2EL-X10F1-M1	E2EL-X10F2-M1
		Non-shielded	15,0 mm	E2EL-X15ME1-M1	E2EL-X15ME2-M1	E2EL-X15MF1-M1	E2EL-X15MF2-M1
	80 mm	Shielded	10,0 mm	E2EL-X10E1-M1L	E2EL-X10E2-M1L	E2EL-X10F1-M1L	E2EL-X10F2-M1L
		Non-shielded	15,0 mm	E2EL-X15ME1-M1L	E2EL-X15ME2-M1L	E2EL-X15MF1-M1L	E2EL-X15MF2-M1L

Stainless steel housing

Diameter / Connection	Length	Mounting	Sensing Distance	Output			
				NPN / NO	NPN / NC	PNP / NO	PNP / NC
M8 / Plug M8	54 mm	Shielded	2,0 mm	E2EL-X2E1-DM3SL	E2EL-X2E2-DM3SL	E2EL-X2F1-DM3SL	E2EL-X2F2-DM3SL
M12 / Plug M12	49 mm	Shielded	4,0 mm	E2EL-X4E1-DM1S	E2EL-X4E2-DM1S	E2EL-X4F1-DM1S	E2EL-X4F2-DM1S
	60 mm	Shielded	4,0 mm	E2EL-X4E1-DM1SL	E2EL-X4E2-DM1SL	E2EL-X4F1-DM1SL	E2EL-X4F2-DM1SL
M18 / Plug M12	53 mm	Shielded	8,0 mm	E2EL-X8E1-DM1S	E2EL-X8E2-DM1S	E2EL-X8F1-DM1S	E2EL-X8F2-DM1S
	80 mm	Shielded	8,0 mm	E2EL-X8E1-DM1SL	E2EL-X8E2-DM1SL	E2EL-X8F1-DM1SL	E2EL-X8F2-DM1SL