

OMRON Proximity Sensors



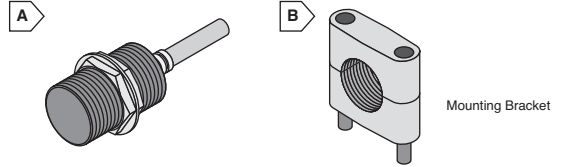
OMRON E2E SERIES: SHORT BARREL INDUCTIVE PROXIMITY SENSORS

Specifications:

- Supply voltage: 3-Wire miniature sensors -10 -30 VDC
3-Wire and 2-Wire standard sensors: 12 -24 VD
2-Wire AC sensors: 249-240 VACs
- Sensing material: Magnetic metal
- Housing materials: Stainless steel (SS), nickel-plated brass (NPB), brass

Features:

- High visibility indicator
- NEMA 1, 3, 4, 6, 12, 13, and IP67 enclosure rating for miniature sensors
- NEMA 1, 4, 6, 12, 13, and IP67 enclosure rating for standard sensors
- Pre-wired with 2m cable



2-Wire Shielded

MOUSER STOCK NO.	Omron Part No.	Fig.	Barrel Size	Sensing Distance	Output	Housing Material	Price Each		
							1	5	10
653-E2E-X2D1-M1	E2E-X2D1-M1	A	M8	2mm	NO	NPB	78.87	74.29	70.98
653-E2E-X2D1-M3G	E2E-X2D1-M3G	A	M8	2mm	NO	NPB	81.12	77.54	73.23
653-E2E-X2D1-N	E2E-X2D1-N	A	M8	2mm	NO	NPB	65.71	60.34	57.12
653-E2E-X2D2-N	E2E-X2D2-N	A	M8	2mm	NC	NPB	71.18	69.43	65.91
653-E2E-X2Y1	E2E-X2Y1	A	M12	2mm	NO	NPB	105.27	94.74	91.59
653-E2E-X3D1-M1GJ	E2E-X3D1-M1GJ	A	M12	3mm	NO	NPB	85.63	80.66	77.06
653-E2E-X3D1-N-5M	E2E-X3D1-N-5M	A	M12	3mm	NO	NPB	79.04	75.55	71.36
653-E2E-X5Y1	E2E-X5Y1	A	M18	5mm	NO	NPB	112.28	101.05	97.69
653-E2E-X7D2-N	E2E-X7D2-N	A	M18	7mm	NC	NPB	76.61	72.17	68.95
653-E2E-X10D1-N	E2E-X10D1-N	A	M30	10mm	NO	NPB	81.12	76.42	73.01
653-E2E-X10Y1-US	E2E-X10Y1-US	A	M30	10mm	NO	NPB	92.87	86.19	82.57

2-Wire Unshielded

MOUSER STOCK NO.	Omron Part No.	Fig.	Barrel Size	Sensing Distance	Output	Housing Material	Price Each		
							1	5	10
653-E2E-X2MY1	E2E-X2MY1	A	M8	2mm	NO	NPB	97.17	87.73	84.21
653-E2E-X4MD1	E2E-X4MD1	A	M8	4mm	NO	NPB	109.48	98.52	93.06
653-E2E-X5MY1	E2E-X5MY1	A	M12	5mm	NO	NPB	105.27	94.74	91.59
653-E2E-X8MD1	E2E-X8MD1	A	M12	8mm	NO	NPB	82.33	76.83	74.81
653-E2E-X20MD1	E2E-X20MD1	A	M30	20mm	NO	NPB	93.28	84.21	80.85

3-Wire Shielded

MOUSER STOCK NO.	Omron Part No.	Fig.	Barrel Size	Sensing Distance	Output	Housing Material	Price Each		
							1	5	10
653-E2E-X1B1	E2E-X1B1	A	M5	1mm	PNP-NO	NPB	98.47	94.67	91.76
653-E2E-X1C1	E2E-X1C1	A	M5	1mm	NPN-NO	NPB	130.31	127.06	124.68
653-E2E-X1B2	E2E-X1B2	A	M5	1mm	PNP-NC	NPB	130.30	120.18	115.04
653-E2E-X1R5E1	E2E-X1R5E1	A	M8	1.5mm	NPN-NO	NPB	63.68	56.26	51.10
653-E2E-X1R5E2	E2E-X1R5E2	A	M8	1.5mm	NPN-NC	NPB	69.19	66.86	63.69
653-E2E-X1R5F1-M1	E2E-X1R5F1-M1	A	M8	1.5mm	PNP-NO	NPB	69.70	66.14	62.02
653-E2E-X1R5F2	E2E-X1R5F2	A	M8	1.5mm	PNP-NC	NPB	81.62	73.69	70.74
653-E2E-X1R5F1	E2E-X1R5F1	A	M8	1.5mm	PNP-NO	NPB	67.67	64.26	62.37
653-E2E-X2E1	E2E-X2E1	A	M12	2mm	NPN-NO	NPB	63.68	59.24	56.13
653-E2E-X2E1-M1	E2E-X2E1-M1	A	M12	2mm	NPN-NO	NPB	76.70	70.43	67.12
653-E2E-X2F1	E2E-X2F1	A	M12	2mm	PNP-NO	NPB	69.19	65.19	61.02
653-E2E-X5F1	E2E-X5F1	A	M18	5mm	PNP-NO	NPB	71.18	67.64	64.03
653-E2E-X5F1-M1	E2E-X5F1-M1	A	M18	5mm	PNP-NO	NPB	76.61	73.35	69.21
653-E2E-X10E1	E2E-X10E1	A	M30	10mm	NPN-NO	NPB	68.99	60.13	58.16
653-E2E-X10F1-M1	E2E-X10F1-M1	A	M30	10mm	PNP-NO	NPB	74.88	71.58	67.60
653-E2E-C1C1	E2E-C1C1	A	5.1mm dia.	1mm	NPN-NO	NPB	88.54	84.21	101.98

3-Wire Unshielded

MOUSER STOCK NO.	Omron Part No.	Fig.	Barrel Size	Sensing Distance	Output	Housing Material	Price Each		
							1	5	10
653-E2E-X2MF1-M1	E2E-X2MF1-M1	A	M8	2mm	PNP-NO	NPB	69.70	67.99	66.14
653-E2E-X5MF1	E2E-X5MF1	A	M12	5mm	PNP-NO	NPB	88.43	79.58	76.93
653-E2E-X5MF1-M1	E2E-X5MF1-M1	A	M12	5mm	PNP-NO	NPB	80.99	72.19	68.45
653-E2E-X10ME1	E2E-X10ME1	A	M18	10mm	NPN-NO	NPB	95.75	87.15	83.09
653-E2E-X10MF1-M1	E2E-X10MF1-M1	A	M18	10mm	NPN-NO	NPB	85.36	79.46	76.14
653-E2E-X18ME1	E2E-X18ME1	A	M30	18mm	NPN-NO	NPB	71.76	68.59	64.78
653-E2E-X18MF1-M1	E2E-X18MF1-M1	A	M30	18mm	PNP-NO	NPB	93.28	84.21	80.85

2-Wire Shielded Accessories

MOUSER STOCK NO.	Omron Part No.	Fig.	Description	Price Each		
				1	5	10
Accessories						
653-Y92E-B12	Y92E-B12	B	Mounting bracket-M12 sensors	3.24	3.11	3.05
653-Y92E-B18	Y92E-B18	B	Mounting bracket-M18 sensors	3.00	2.86	2.74

