

Short Barrel Inductive Prox

E2E 2-WIRE AC

Short Barrel 2-Wire AC Prox Sensors Meet IP67

- Thick nickel-plated brass barrel has wrench flats for easy installation
- Solid potted internal circuitry withstands shocks and water washdown to IP67
- High visibility indicator
- Choose prewired models with or without short-circuit protection and connector models



Ordering Information

■ PREWIRED SENSORS WITHOUT SHORT-CIRCUIT PROTECTION

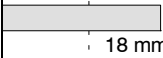
Type	Size	Sensing distance	Part number	
			NO	NC
Shielded 	M8	1.5 mm	E2E[X1R5Y1	E2E[X1R5Y2
	M12	2 mm	E2E[X2Y1]US	E2E[X2Y2]US
	M18	5 mm	E2E[X5Y1]US	E2E[X5Y2]US
	M30	10 mm	E2E[X10Y1]US	E2E[X10Y2]US
Unshielded 	M8	2 mm	E2E[X2MY1]US	E2E[X2MY2]US
	M12	5 mm	E2E[X5MY1]US	E2E[X5MY2]US
	M18	10 mm	E2E[X10MY1]US	E2E[X10MY2]US
	M30	18 mm	E2E[X18MY1]US	E2E[X18MY2]US

*Note: A different oscillating frequency is available to prevent mutual interference. Add a "5" to the part number (e.g., E2E[X5Y15-US]).

■ PREWIRED SENSORS WITH SHORT-CIRCUIT PROTECTION

Type	Size	Sensing distance	Part number	
			NO	NC
Shielded 	M18	 5 mm	E2E-X5Y1-53-US	E2E-X5Y2-53-US
	M30	 10 mm	E2E-X10Y1-53-US	E2E-X10Y2-53-US
Unshielded 	M18	 10 mm	E2E-X10MY1-53-US	E2E-X10MY2-53-US
	M30	 18 mm	E2E-X18MY1-53-US	E2E-X18MY2-53-US

■ SENSORS WITH BUILT-IN CONNECTORS

Connector	Type	Size	Sensing distance	Part number	
				NO	NC
4-pin connector (M12) See Note 1.	Shielded 	M12	 2 mm	E2E-X2Y1-M1	E2E-X2Y2-M1
		M18	 5 mm	E2E-X5Y1-M1	E2E-X5Y2-M1
		M30	 10 mm	E2E-X10Y1-M1	E2E-X10Y2-M1
	Unshielded 	M12	 5 mm	E2E-X5MY1-M1	E2E-X5MY2-M1
		M18	 10 mm	E2E-X10MY1-M1	E2E-X10MY2-M1
		M30	 18 mm	E2E-X18MY1-M1	E2E-X18MY2-M1
3-pin connector (M12) See Note 2.	Shielded 	M12	 2 mm	E2E-X2Y1-M4	E2E-X2Y2-M4
		M18	 5 mm	E2E-X5Y1-M4	E2E-X5Y2-M4
		M30	 10 mm	E2E-X10Y1-M4	E2E-X10Y2-M4
	Unshielded 	M12	 5 mm	E2E-X5MY1-M4	E2E-X5MY2-M4
		M18	 10 mm	E2E-X10MY1-M4	E2E-X10MY2-M4
		M30	 18 mm	E2E-X18MY1-M4	E2E-X18MY2-M4

Note: 1. Use Omron's Y96E-44□A□ connector cordsets.

2. Use Omron's Y96E-33□A□ connector cordsets.

■ ACCESSORIES

Description	Part number	
Mounting brackets	Fits M8 size sensors Fits M12 size sensors Fits M18 size sensors Fits M30 size sensors	Y92E-B8 Y92E-B12 Y92E-B18 Y92E-B30
Silicone rubber covers for shielded sensors	Fits M12 size sensors Fits M18 size sensors Fits M30 size sensors	Y92E-E12-2 Y92E-E18-2 Y92E-E30-2
Connector cordsets	See Y96E Connector Cordsets data sheet for details	