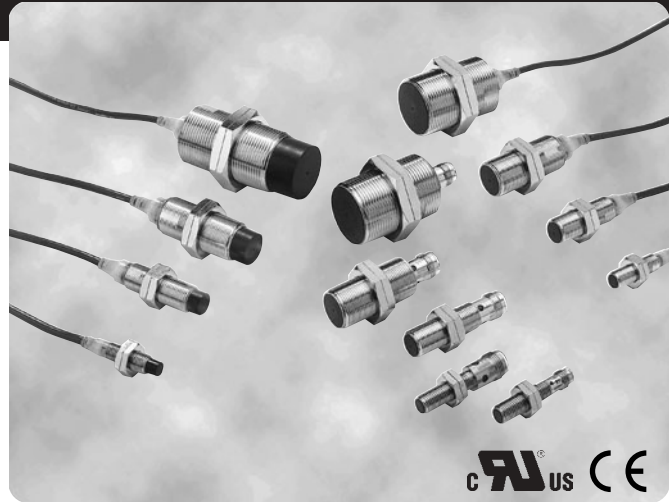


Cylindrical Proximity Sensor

E2A

Extended Range DC-3 Wire Proximity Sensors

- Ensures a sensing distance approximately 1.5 to 2 times longer than standard proximity sensors.
- Minimizes collisions.
- Full range of standard sizes (M8, M12, M18 and M30; both long and short barrels).
- Choose from prewired, M8 or M12 connector versions.



Ordering Information (Shaded models are normally stocked.)

Size	Type	Sensing distance	Connection	Body material	Thread Length (overall length)	Output configuration	Model number	Operation mode NO	Operation mode NC
M8	Shielded	2.0 mm	Pre-wired	Stainless steel	27 (40)	PNP	E2A-S08KS02-WP-B1 2M	E2A-S08KS02-WP-B2 2M	
						NPN	E2A-S08KS02-WP-C1 2M	E2A-S08KS02-WP-C2 2M	
					49 (62)	PNP	E2A-S08LS02-WP-B1 2M	E2A-S08LS02-WP-B2 2M	
						NPN	E2A-S08LS02-WP-C1 2M	E2A-S08LS02-WP-C2 2M	
			M12 connector	Stainless steel	27 (43)	PNP	E2A-S08KS02-M1-B1	E2A-S08KS02-M1-B2	
						NPN	E2A-S08KS02-M1-C1	E2A-S08KS02-M1-C2	
					49 (65)	PNP	E2A-S08LS02-M1-B1	E2A-S08LS02-M1-B2	
						NPN	E2A-S08LS02-M1-C1	E2A-S08LS02-M1-C2	
				Nickel-plated Brass	27 (43)	PNP	E2A-M08KS02-M1-B1	E2A-M08KS02-M1-B2	
						NPN	E2A-M08KS02-M1-C1	E2A-M08KS02-M1-C2	
					49 (65)	PNP	E2A-M08LS02-M1-B1	E2A-M08LS02-M1-B2	
						NPN	E2A-M08LS02-M1-C1	E2A-M08LS02-M1-C2	
			M8 connector (3-pin)	Stainless steel	27 (39)	PNP	E2A-S08KS02-M5-B1	E2A-S08KS02-M5-B2	
						NPN	E2A-S08KS02-M5-C1	E2A-S08KS02-M5-C2	
					49 (61)	PNP	E2A-S08LS02-M5-B1	E2A-S08LS02-M5-B2	
						NPN	E2A-S08LS02-M5-C1	E2A-S08LS02-M5-C2	
	Unshielded	4.0 mm	Pre-wired	Stainless steel	27 (40)	PNP	E2A-S08KN04-WP-B1 2M	E2A-S08KN04-WP-B2 2M	
						NPN	E2A-S08KN04-WP-C1 2M	E2A-S08KN04-WP-C2 2M	
					49 (62)	PNP	E2A-S08LN04-WP-B1 2M	E2A-S08LN04-WP-B2 2M	
						NPN	E2A-S08LN04-WP-C1 2M	E2A-S08LN04-WP-C2 2M	
			M12 connector	Stainless steel	27 (43)	PNP	E2A-S08KN04-M1-B1	E2A-S08KN04-M1-B2	
						NPN	E2A-S08KN04-M1-C1	E2A-S08KN04-M1-C2	
					49 (65)	PNP	E2A-S08LN04-M1-B1	E2A-S08LN04-M1-B2	
						NPN	E2A-S08LN04-M1-C1	E2A-S08LN04-M1-C2	
				Nickel-plated Brass	27 (43)	PNP	E2A-M08KN04-M1-B1	E2A-M08KN04-M1-B2	
						NPN	E2A-M08KN04-M1-C1	E2A-M08KN04-M1-C2	
					49 (65)	PNP	E2A-M08LN04-M1-B1	E2A-M08LN04-M1-B2	
						NPN	E2A-M08LN04-M1-C1	E2A-M08LN04-M1-C2	
			M8 connector (3-pin)	Stainless steel	27 (39)	PNP	E2A-S08KN04-M5-B1	E2A-S08KN04-M5-B2	
						NPN	E2A-S08KN04-M5-C1	E2A-S08KN04-M5-C2	
					49 (61)	PNP	E2A-S08LN04-M5-B1	E2A-S08LN04-M5-B2	
						NPN	E2A-S08LN04-M5-C1	E2A-S08LN04-M5-C2	

Ordering Information continued (Shaded models are normally stocked.)

Size	Type	Sensing distance	Connection	Body material	Thread Length (overall length)	Output configuration	Model number	Operation mode NC
M12	Shielded	4.0 mm	Pre-wired	Nickel-plated Brass	34 (50)	PNP	E2A-M12KS04-WP-B1 2M	E2A-M12KS04-WP-B2 2M
						NPN	E2A-M12KS04-WP-C1 2M	E2A-M12KS04-WP-C2 2M
				Brass	56 (72)	PNP	E2A-M12LS04-WP-B1 2M	E2A-M12LS04-WP-B2 2M
						NPN	E2A-M12LS04-WP-C1 2M	E2A-M12LS04-WP-C2 2M
			M12 connector	Nickel-plated Brass	34 (48)	PNP	E2A-M12KS04-M1-B1	E2A-M12KS04-M1-B2
						NPN	E2A-M12KS04-M1-C1	E2A-M12KS04-M1-C2
				Brass	56 (70)	PNP	E2A-M12LS04-M1-B1	E2A-M12LS04-M1-B2
						NPN	E2A-M12LS04-M1-C1	E2A-M12LS04-M1-C2
	Unshielded	8.0 mm	Pre-wired	Nickel-plated Brass	34 (50)	PNP	E2A-M12KN08-WP-B1 2M	E2A-M12KN08-WP-B2 2M
						NPN	E2A-M12KN08-WP-C1 2M	E2A-M12KN08-WP-C2 2M
				Brass	56 (72)	PNP	E2A-M12LN08-WP-B1 2M	E2A-M12LN08-WP-B2 2M
						NPN	E2A-M12LN08-WP-C1 2M	E2A-M12LN08-WP-C2 2M
			M12 connector	Nickel-plated Brass	34 (48)	PNP	E2A-M12KN08-M1-B1	E2A-M12KN08-M1-B2
						NPN	E2A-M12KN08-M1-C1	E2A-M12KN08-M1-C2
				Brass	56 (70)	PNP	E2A-M12LN08-M1-B1	E2A-M12LN08-M1-B2
						NPN	E2A-M12LN08-M1-C1	E2A-M12LN08-M1-C2
M18	Shielded	8.0 mm	Pre-wired	Nickel-plated Brass	39 (59)	PNP	E2A-M18KS08-WP-B1 2M	E2A-M18KS08-WP-B2 2M
						NPN	E2A-M18KS08-WP-C1 2M	E2A-M18KS08-WP-C2 2M
				Brass	61 (81)	PNP	E2A-M18LS08-WP-B1 2M	E2A-M18LS08-WP-B2 2M
						NPN	E2A-M18LS08-WP-C1 2M	E2A-M18LS08-WP-C2 2M
			M12 connector	Nickel-plated Brass	39 (53)	PNP	E2A-M18KS08-M1-B1	E2A-M18KS08-M1-B2
						NPN	E2A-M18KS08-M1-C1	E2A-M18KS08-M1-C2
				Brass	61 (75)	PNP	E2A-M18LS08-M1-B1	E2A-M18LS08-M1-B2
						NPN	E2A-M18LS08-M1-C1	E2A-M18LS08-M1-C2
	Unshielded	16.0 mm	Pre-wired	Nickel-plated Brass	39 (59)	PNP	E2A-M18KN16-WP-B1 2M	E2A-M18KN16-WP-B2 2M
						NPN	E2A-M18KN16-WP-C1 2M	E2A-M18KN16-WP-C2 2M
				Brass	61 (81)	PNP	E2A-M18LN16-WP-B1 2M	E2A-M18LN16-WP-B2 2M
						NPN	E2A-M18LN16-WP-C1 2M	E2A-M18LN16-WP-C2 2M
			M12 connector	Nickel-plated Brass	39 (53)	PNP	E2A-M18KN16-M1-B1	E2A-M18KN16-M1-B2
						NPN	E2A-M18KN16-M1-C1	E2A-M18KN16-M1-C2
				Brass	61 (75)	PNP	E2A-M18LN16-M1-B1	E2A-M18LN16-M1-B2
						NPN	E2A-M18LN16-M1-C1	E2A-M18LN16-M1-C2
M30	Shielded	15.0 mm	Pre-wired	Nickel-plated Brass	44 (64)	PNP	E2A-M30KS15-WP-B1 2M	E2A-M30KS15-WP-B2 2M
						NPN	E2A-M30KS15-WP-C1 2M	E2A-M30KS15-WP-C2 2M
				Brass	66 (86)	PNP	E2A-M30LS15-WP-B1 2M	E2A-M30LS15-WP-B2 2M
						NPN	E2A-M30LS15-WP-C1 2M	E2A-M30LS15-WP-C2 2M
			M12 connector	Nickel-plated Brass	44 (58)	PNP	E2A-M30KS15-M1-B1	E2A-M30KS15-M1-B2
						NPN	E2A-M30KS15-M1-C1	E2A-M30KS15-M1-C2
				Brass	66 (80)	PNP	E2A-M30LS15-M1-B1	E2A-M30LS15-M1-B2
						NPN	E2A-M30LS15-M1-C1	E2A-M30LS15-M1-C2
	Unshielded	20.0 mm	Pre-wired	Nickel-plated Brass	44 (64)	PNP	E2A-M30KN20-WP-B1 2M	E2A-M30KN20-WP-B2 2M
					(See note.)	NPN	E2A-M30KN20-WP-C1 2M	E2A-M30KN20-WP-C2 2M
					66 (86)	PNP	E2A-M30LN30-WP-B1 2M	E2A-M30LN30-WP-B2 2M
						NPN	E2A-M30LN30-WP-C1 2M	E2A-M30LN30-WP-C2 2M
		30.0 mm	M12 connector	Nickel-plated Brass	44 (58)	PNP	E2A-M30KN20-M1-B1	E2A-M30KN20-M1-B2
					(See note.)	NPN	E2A-M30KN20-M1-C1	E2A-M30KN20-M1-C2
					66 (80)	PNP	E2A-M30LN30-M1-B1	E2A-M30LN30-M1-B2
						NPN	E2A-M30LN30-M1-C1	E2A-M30LN30-M1-C2

Note: M30 unshielded Models with double sensing distance and short barrels cannot be mounted due to the necessary separation distance from the surrounding metal. Standard sensing models are thus available.