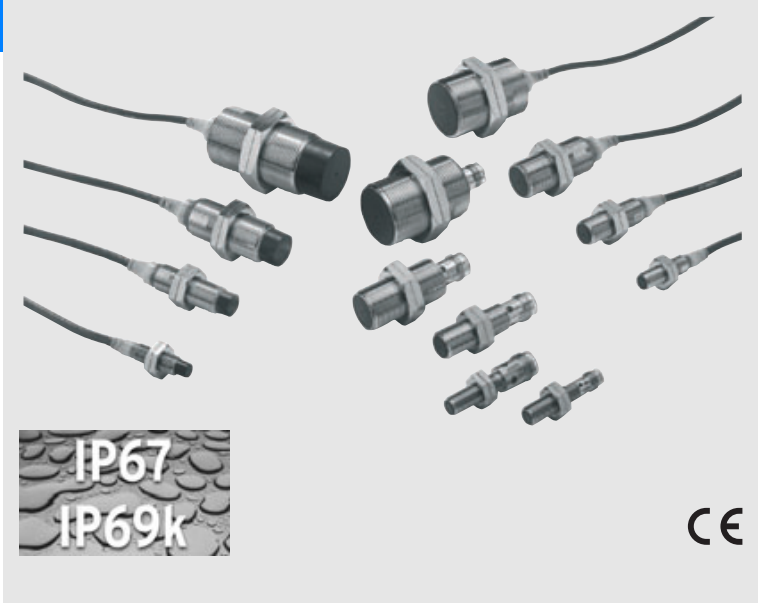


Cylindrical Proximity Sensor E2A

High quality for extra long life in daily use

- sensing distance approximately 1.5 to 2 times longer than standard CENELEC proximity sensors
- designed and tested for extra long life
- IP67 and IP69k for highest protection in wet environments
- consistent high quality level
- DC 3-wire and DC 2-wire models
- Normally open (NO), normally closed (NC) and antivalent (NO+NC) models
- up to 30mm sensing distance
- Stainless steel and brass housings
- Pre-wired versions with different cable materials and diameters, M8 and M12 connector types, pre-wired types with cable end connectors



Ordering Information

DC 3-wire models (NO + NC: DC 4-wire) *2

Size		Sensing distance	Connec-tion	Body material	Thread length (overall length)	Output configuration	Operation mode NO	Operation mode NC
M8	Shielded	2.0 mm	Pre-wired	Stainless steel*1	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		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	
			M8 connector (3-pin)		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	
	M8 connector (4-pin)	27 (39)	PNP		E2A-S08KS02-M3-B1	E2A-S08KS02-M3-B2		
		NPN	E2A-S08KS02-M3-C1		E2A-S08KS02-M3-C2			
		49 (61)	PNP		E2A-S08LS02-M3-B1	E2A-S08LS02-M3-B2		
		NPN	E2A-S08LS02-M3-C1		E2A-S08LS02-M3-C2			
	Non-shielded	4.0 mm	Pre-wired		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		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	
			M8 connector (3-pin)		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	
M8 connector (4 pin)			27 (39)	PNP	E2A-S08KN04-M3-B1	E2A-S08KN04-M3-B2		
			NPN	E2A-S08KN04-M3-C1	E2A-S08KN04-M3-C2			
			49 (61)	PNP	E2A-S08LN04-M3-B1	E2A-S08LN04-M3-B2		
			NPN	E2A-S08LN04-M3-C1	E2A-S08LN04-M3-C2			

Size		Sensing distance	Connection	Body material	Thread length (overall length)	Output configuration	Operation mode NO	Operation mode NC	Operation mode NO + NC
M12	Shielded	4.0 mm	Pre-wired	Brass ^{*3}	34 (50)	PNP	E2A-M12KS04-WP-B1 2M	E2A-M12KS04-WP-B2 2M	E2A-M12KS04-WP-B3 2M
						NPN	E2A-M12KS04-WP-C1 2M	E2A-M12KS04-WP-C2 2M	E2A-M12KS04-WP-C3 2M
					56 (72)	PNP	E2A-M12LS04-WP-B1 2M	E2A-M12LS04-WP-B2 2M	E2A-M12LS04-WP-B3 2M
						NPN	E2A-M12LS04-WP-C1 2M	E2A-M12LS04-WP-C2 2M	E2A-M12LS04-WP-C3 2M
			M12 connector	Brass ^{*3}	34 (48)	PNP	E2A-M12KS04-M1-B1	E2A-M12KS04-M1-B2	E2A-M12KS04-M1-B3
						NPN	E2A-M12KS04-M1-C1	E2A-M12KS04-M1-C2	E2A-M12KS04-M1-C3
					56 (70)	PNP	E2A-M12LS04-M1-B1	E2A-M12LS04-M1-B2	E2A-M12LS04-M1-B3
						NPN	E2A-M12LS04-M1-C1	E2A-M12LS04-M1-C2	E2A-M12LS04-M1-C3
			M8 connector (3-pin)	Brass ^{*3}	34 (48)	PNP	E2A-M12KS04-M5-B1	E2A-M12KS04-M5-B2	n.a.
						NPN	E2A-M12KS04-M5-C1	E2A-M12KS04-M5-C2	n.a.
					56 (70)	PNP	E2A-M12LS04-M5-B1	E2A-M12LS04-M5-B2	n.a.
						NPN	E2A-M12LS04-M5-C1	E2A-M12LS04-M5-C2	n.a.
			M8 connector (4-pin)	Brass ^{*3}	34 (48)	PNP	E2A-M12KS04-M3-B1	E2A-M12KS04-M3-B2	n.a.
						NPN	E2A-M12KS04-M3-C1	E2A-M12KS04-M3-C2	n.a.
					56 (70)	PNP	E2A-M12LS04-M3-B1	E2A-M12LS04-M3-B2	n.a.
						NPN	E2A-M12LS04-M3-C1	E2A-M12LS04-M3-C2	n.a.
	Non-shielded	8.0 mm	Pre-wired	Brass ^{*3}	34 (50)	PNP	E2A-M12KN08-WP-B1 2M	E2A-M12KN08-WP-B2 2M	E2A-M12KN08-WP-B3 2M
						NPN	E2A-M12KN08-WP-C1 2M	E2A-M12KN08-WP-C2 2M	E2A-M12KN08-WP-C3 2M
					56 (72)	PNP	E2A-M12LN08-WP-B1 2M	E2A-M12LN08-WP-B2 2M	E2A-M12LN08-WP-B3 2M
						NPN	E2A-M12LN08-WP-C1 2M	E2A-M12LN08-WP-C2 2M	E2A-M12LN08-WP-C3 2M
			M12 connector	Brass ^{*3}	34 (48)	PNP	E2A-M12KN08-M1-B1	E2A-M12KN08-M1-B2	E2A-M12KN08-M1-B3
						NPN	E2A-M12KN08-M1-C1	E2A-M12KN08-M1-C2	E2A-M12KN08-M1-C3
					56 (70)	PNP	E2A-M12LN08-M1-B1	E2A-M12LN08-M1-B2	E2A-M12LN08-M1-B3
						NPN	E2A-M12LN08-M1-C1	E2A-M12LN08-M1-C2	E2A-M12LN08-M1-C3
			M8 connector (3-pin)	Brass ^{*3}	34 (48)	PNP	E2A-M12KN08-M5-B1	E2A-M12KN08-M5-B2	n.a.
						NPN	E2A-M12KN08-M5-C1	E2A-M12KN08-M5-C2	n.a.
					56 (70)	PNP	E2A-M12LN08-M5-B1	E2A-M12LN08-M5-B2	n.a.
						NPN	E2A-M12LN08-M5-C1	E2A-M12LN08-M5-C2	n.a.
			M8 connector (4-pin)	Brass ^{*3}	34 (48)	PNP	E2A-M12KN08-M3-B1	E2A-M12KN08-M3-B2	n.a.
						NPN	E2A-M12KN08-M3-C1	E2A-M12KN08-M3-C2	n.a.
					56 (70)	PNP	E2A-M12LN08-M3-B1	E2A-M12LN08-M3-B2	n.a.
						NPN	E2A-M12LN08-M3-C1	E2A-M12LN08-M3-C2	n.a.
M18	Shielded	8.0 mm	Pre-wired	Brass ^{*3}	39 (59)	PNP	E2A-M18KS08-WP-B1 2M	E2A-M18KS08-WP-B2 2M	E2A-M18KS08-WP-B3 2M
						NPN	E2A-M18KS08-WP-C1 2M	E2A-M18KS08-WP-C2 2M	E2A-M18KS08-WP-C3 2M
					61 (81)	PNP	E2A-M18LS08-WP-B1 2M	E2A-M18LS08-WP-B2 2M	E2A-M18LS08-WP-B3 2M
						NPN	E2A-M18LS08-WP-C1 2M	E2A-M18LS08-WP-C2 2M	E2A-M18LS08-WP-C3 2M
			M12 connector	Brass ^{*3}	39 (53)	PNP	E2A-M18KS08-M1-B1	E2A-M18KS08-M1-B2	E2A-M18KS08-M1-B3
						NPN	E2A-M18KS08-M1-C1	E2A-M18KS08-M1-C2	E2A-M18KS08-M1-C3
					61 (75)	PNP	E2A-M18LS08-M1-B1	E2A-M18LS08-M1-B2	E2A-M18LS08-M1-B3
						NPN	E2A-M18LS08-M1-C1	E2A-M18LS08-M1-C2	E2A-M18LS08-M1-C3
			M8 connector (3-pin)	Brass ^{*3}	39 (53)	PNP	E2A-M18KS08-M5-B1	E2A-M18KS08-M5-B2	n.a.
						NPN	E2A-M18KS08-M5-C1	E2A-M18KS08-M5-C2	n.a.
					61 (75)	PNP	E2A-M18LS08-M5-B1	E2A-M18LS08-M5-B2	n.a.
						NPN	E2A-M18LS08-M5-C1	E2A-M18LS08-M5-C2	n.a.
			M8 connector (4-pin)	Brass ^{*3}	39 (53)	PNP	E2A-M18KS08-M3-B1	E2A-M18KS08-M3-B2	n.a.
						NPN	E2A-M18KS08-M3-C1	E2A-M18KS08-M3-C2	n.a.
					61 (75)	PNP	E2A-M18LS08-M3-B1	E2A-M18LS08-M3-B2	n.a.
						NPN	E2A-M18LS08-M3-C1	E2A-M18LS08-M3-C2	n.a.
	Non-shielded	16.0 mm	Pre-wired	Brass ^{*3}	39 (59)	PNP	E2A-M18KN16-WP-B1 2M	E2A-M18KN16-WP-B2 2M	E2A-M18KN16-WP-B3 2M
						NPN	E2A-M18KN16-WP-C1 2M	E2A-M18KN16-WP-C2 2M	E2A-M18KN16-WP-C3 2M
					61 (81)	PNP	E2A-M18LN16-WP-B1 2M	E2A-M18LN16-WP-B2 2M	E2A-M18LN16-WP-B3 2M
						NPN	E2A-M18LN16-WP-C1 2M	E2A-M18LN16-WP-C2 2M	E2A-M18LN16-WP-C3 2M
			M12 connector	Brass ^{*3}	39 (53)	PNP	E2A-M18KN16-M1-B1	E2A-M18KN16-M1-B2	E2A-M18KN16-M1-B3
						NPN	E2A-M18KN16-M1-C1	E2A-M18KN16-M1-C2	E2A-M18KN16-M1-C3
					61 (75)	PNP	E2A-M18LN16-M1-B1	E2A-M18LN16-M1-B2	E2A-M18LN16-M1-B3
						NPN	E2A-M18LN16-M1-C1	E2A-M18LN16-M1-C2	E2A-M18LN16-M1-C3
			M8 connector (3-pin)	Brass ^{*3}	39 (53)	PNP	E2A-M18KN16-M5-B1	E2A-M18KN16-M5-B2	n.a.
						NPN	E2A-M18KN16-M5-C1	E2A-M18KN16-M5-C2	n.a.
					61 (75)	PNP	E2A-M18LN16-M5-B1	E2A-M18LN16-M5-B2	n.a.
						NPN	E2A-M18LN16-M5-C1	E2A-M18LN16-M5-C2	n.a.
			M8 connector (4-pin)	Brass ^{*3}	39 (53)	PNP	E2A-M18KN16-M3-B1	E2A-M18KN16-M3-B2	n.a.
						NPN	E2A-M18KN16-M3-C1	E2A-M18KN16-M3-C2	n.a.
					61 (75)	PNP	E2A-M18LN16-M3-B1	E2A-M18LN16-M3-B2	n.a.
						NPN	E2A-M18LN16-M3-C1	E2A-M18LN16-M3-C2	n.a.