

3.13

Inductive Proximity Sensors

E52 Cube Style Sensors

Product Selection

E52 Cube Style Sensors

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DC Four-Wire Sensors

	Voltage Type	Output Configuration	Shielding	Output Type	Sensing Range	Connector Style	Catalog Number
Mini-Connector 	Cube Package (40 x 40 x 40 mm)						
	10–48 Vdc	NPN/PNP autoconfigure ①	Shielded	1 NO and 1 NC	15 mm	DC 4-pin micro	E52Q-DL15SAD01 ⓘ
			Unshielded	1 NO and 1 NC	15 mm	DC 4-pin mini	E52Q-DL15SAE01 ⓘ
Micro-Connector 	10–48 Vdc	NPN/PNP autoconfigure ①	Shielded	1 NO and 1 NC	20 mm	DC 4-pin micro	E52Q-DL20SAD01 ⓘ
						DC 4-pin mini	E52Q-DL20SAE01 ⓘ
			Unshielded	1 NO and 1 NC	20 mm	DC 4-pin micro	E52Q-DL20UAD01 ⓘ
						DC 4-pin mini	E52Q-DL20UAE01 ⓘ
					25 mm	DC 4-pin micro	E52Q-DL25UAD01 ⓘ
						DC 4-pin mini	E52Q-DL25UAE01 ⓘ
					30 mm	DC 4-pin micro	E52Q-DL30UAD01 ⓘ
						DC 4-pin mini	E52Q-DL30UAE01 ⓘ
					35 mm	DC 4-pin micro	E52Q-DL35UAD01 ⓘ
						DC 4-pin mini	E52Q-DL35UAE01 ⓘ
					40 mm	DC 4-pin micro	E52Q-DL40UAD01 ⓘ
						DC 4-pin mini	E52Q-DL40UAE01 ⓘ

Compatible Connector Cables

Standard Cables ②

	Current Rating at 600 V	Voltage Style	Number of Pins	Gauge	Length	Pin Configuration/Wire Colors (Face View Female Shown)	PVC Jacket Catalog Number	PUR Jacket Catalog Number
	Micro-Style, Straight Female							
	—	DC	4-pin, 4-wire	22 AWG	6.0 ft (2m)		CSDS4A4CY2202	CSDS4A4RY2202
					16.4 ft (5m)		CSDS4A4CY2205	CSDS4A4RY2205
					32.8 ft (10m)		CSDS4A4CY2210	CSDS4A4RY2210
	Mini-Style, Straight Female							
	10 A	AC/DC	4-pin, 4-wire	16 AWG	6.0 ft (2m)		CSMS4A4CY1602	—
					13.1 ft (4m)		CSMS4A4CY1604	—
					19.7 ft (6m)		CSMS4A4CY1606	—

Notes

ⓘ See listing of compatible connector cables above.

① Autoconfigure technology allows the sensor to automatically adapt to NPN or PNP without user intervention.

② For a full selection of connector cables, see **Tab 10, section 10.1**.