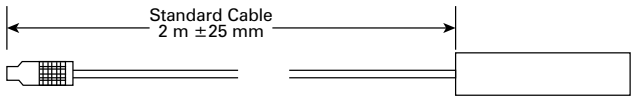
Standard Probes



Operating and storage temperature range: 4-50 °C.

Available as ***vacuum compatible***.

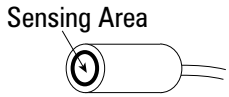
Probes are not electrically damaged by contact with the sensing tip.

Range is determined by the probe Sensing Area diameter — the larger the diameter, the larger the range.

Sensing Areas are coded by diameter in mm (e.g. 0.8, 13).

Flat target surface diameter must be 1.3 times larger than sensing area diameter.

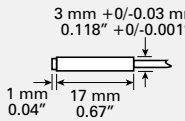
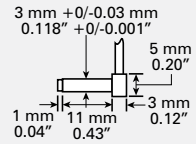
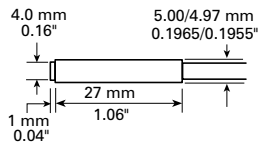
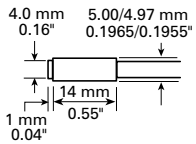
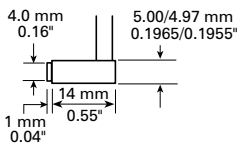
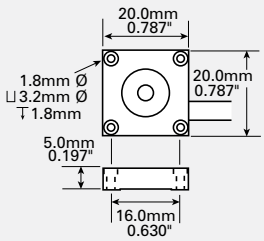
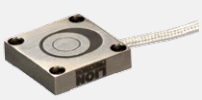
Measurement Ranges and other performance specifications are dependent on the selected driver model.



Different probe body styles/sizes are available for each sensing area diameter.

Probe Model Numbers

Probe model numbers are a combination of the Body Model number and Sensing Area Diameter (e.g. C3-0.8 or R45-19).

Size/Shape	Body Model	Mechanical		Sensing Area Diameter (mm)	Measurement Ranges (by Driver Model) CPL190 CPL290 µm mils	Compact Driver µm mils	CPA100 µm mils
3 mm Cylindrical	C3S			0.5	10, 50, 80 0.4, 2.0, 3.0	—	50, 80 2.0, 3.0
				0.8	25, 100 1.0, 4.0	—	100 4.0
	C3R			0.5	10, 50, 80 0.4, 2.0, 3.0	—	50, 80 2.0, 3.0
				0.8	25, 100 1.0, 4.0	—	100 4.0
5 mm Cylindrical	C5			0.5	10, 50, 80 0.4, 2.0, 3.0	—	50, 80 2.0, 3.0
				0.8	25, 100 1.0, 4.0	—	100 4.0
				2.0	10, 50, 250, 500 0.4, 2.0, 10.0, 20.0	50, 250 2.0, 10.0	250, 500 10.0, 20.0
	C5S			0.5	10, 50, 80 0.4, 2.0, 3.0	—	50, 80 2.0, 3.0
				0.8	25, 100 1.0, 4.0	—	100 4.0
				2.0	10, 50, 250, 500 0.4, 2.0, 10.0, 20.0	50, 250 2.0, 10.0	250, 500 10.0, 20.0
	C5R			0.5	10, 50, 80 0.4, 2.0, 3.0	—	50, 80 2.0, 3.0
				0.8	25, 100 1.0, 4.0	—	100 4.0
				2.0	10, 50, 250, 500 0.4, 2.0, 10.0, 20.0	50, 250 2.0, 10.0	250, 500 10.0, 20.0
20 mm Rectangle	R20			5.6	50, 500, 2000 2.0, 20.0, 80.0	50, 500 2.0, 20.0	500, 2000 20.0, 80.0

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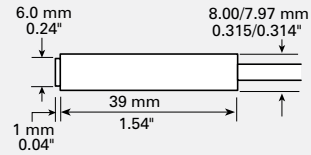
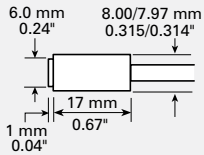
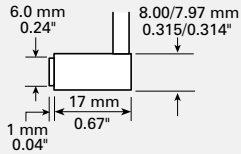
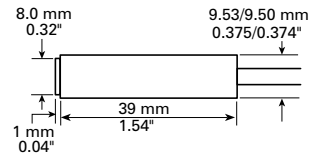
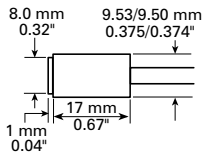
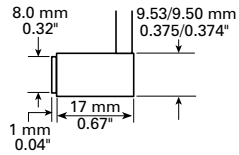
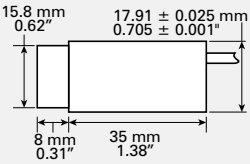
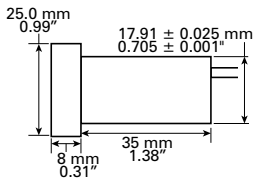
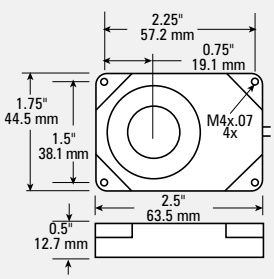
Size/Shape	Body Model	Mechanical		Sensing Area Diameter (mm)	Measurement Ranges (by Driver Model)		
					CPL190 CPL290 µm mils	Compact Driver µm mils	CPA100 µm mils
8 mm Cylindrical	C8			2.0	10, 50, 250, 500 0.4, 2.0, 10.0, 20.0	50, 250 2.0, 10.0	250, 500 10.0, 20.0
				3.2	50, 500, 1250 2.0, 20.0, 50.0	50, 500 2.0, 20.0	500, 1250 20.0, 50.0
	C8S			2.0	10, 50, 250, 500 0.4, 2.0, 10.0, 20.0	50, 250 2.0, 10.0	250, 500 10.0, 20.0
				3.2	50, 500, 1250 2.0, 20.0, 50.0	50, 500 2.0, 20.0	500, 1250 20.0, 50.0
	C8R			2.0	10, 50, 250, 500 0.4, 2.0, 10.0, 20.0	50, 250 2.0, 10.0	250, 500 10.0, 20.0
				3.2	50, 500, 1250 2.0, 20.0, 50.0	50, 500 2.0, 20.0	500, 1250 20.0, 50.0
9.5 mm (3/8") Cylindrical	C9.5			5.6	50, 500, 2000 2.0, 20.0, 80.0	50, 500 2.0, 20.0	500, 2000 20.0, 80.0
	C9.5S			5.6	50, 500, 2000 2.0, 20.0, 80.0	50, 500 2.0, 20.0	500, 2000 20.0, 80.0
	C9.5R			5.6	50, 500, 2000 2.0, 20.0, 80.0	50, 500 2.0, 20.0	500, 2000 20.0, 80.0
18 mm Cylindrical	C18			13	2000, 3200, 5000 80, 125, 200	—	3200, 5000 125, 200
25 mm Cylindrical	C25			21	8000, 12500 300, 500	—	8000, 12500 300, 500
45 mm (1.75") Rectangular	R45			19	2500, 6000 100, 250	2500 100	2500, 6000 100, 250