

Industrial Replacement Probes

Rigidly Mounted or Spring Loaded 1/2 NPT Mounting Thread



Available as

See page A-43 to A-48.

- ✓ Direct Surface Contact
- ✓ For Use in Thermowells
- ✓ Faster Response
- ✓ 300 mm (12") Length Stock†
- ✓ Custom Lengths Available
- ✓ Inconel® or 304 Stainless Steel Sheath
- ✓ J, K, T and E Calibrations in Stock
- ✓ 1.5, 3.0, 4.5, and 6.0 mm (1/16", 1/8", 3/16", and 1/4") Diameters In Stock
- ✓ Use with Any Protection Head!
- ✓ Made with Special Limits of Error Material

Spring loaded thermocouple probes are designed to provide fast response when used in a thermowell. Approximately 13 mm (1/2") of travel is standard. Thermocouple junction cannot be damaged when installed in a thermowell. This probe is also ideal for use as a bearing sensor

Rigidly mounted probes have 1/2 NPT mounting thread. They are supplied with a hex nipple for attachment to tank walls, pipe fittings, or conduit. The fitting is silver soldered to the probe sheath for a positive pressure seal. Supplied with 38 mm (1 1/2") of bare leads with epoxy seal.

Price: NB1 Price Less \$14
(See page A-134 and A-135)

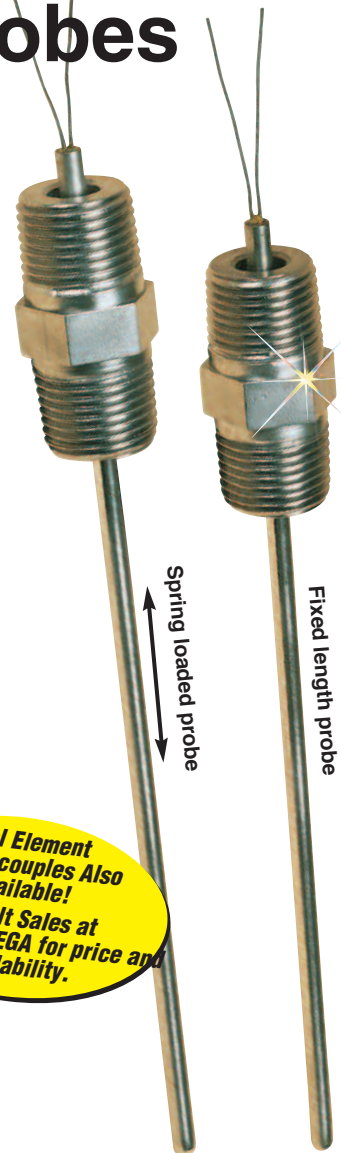
Replacement Probe

To Order: Add suffix RP to part numbers of NB series probes.
Example: NB1-CAIN-14G-12-RP, nipple assembly probe length, includes 1/2" thread allowance

Note: Head sold separately.
† Other lengths available, consult Sales Dept.

See page A-89 for Probes with Lead Wires

Dual Element Thermocouples Also Available!
Consult Sales at 1-800-TC-OMEGA for price and availability.



To Order: Add Suffix "-RP-HNSL" to model numbers of NB1 and NB2 probe.
Example: NB1-ICSS-316G-12-RP-HNSL Nipple Assembly Probe Length Includes 1/2" Thread Allowance
Price: NB1-RP Price Plus \$10
Note: Head sold separately. See page A-132.

Weld Pad Probe	Suffix	Price	
		304SS	Inconel
Parallel	-PD	Add \$11	Add \$16
Perpendicular	-PD90	Add 16	Add 21
Curved*	-PDR*	Add 16†	Add 21†

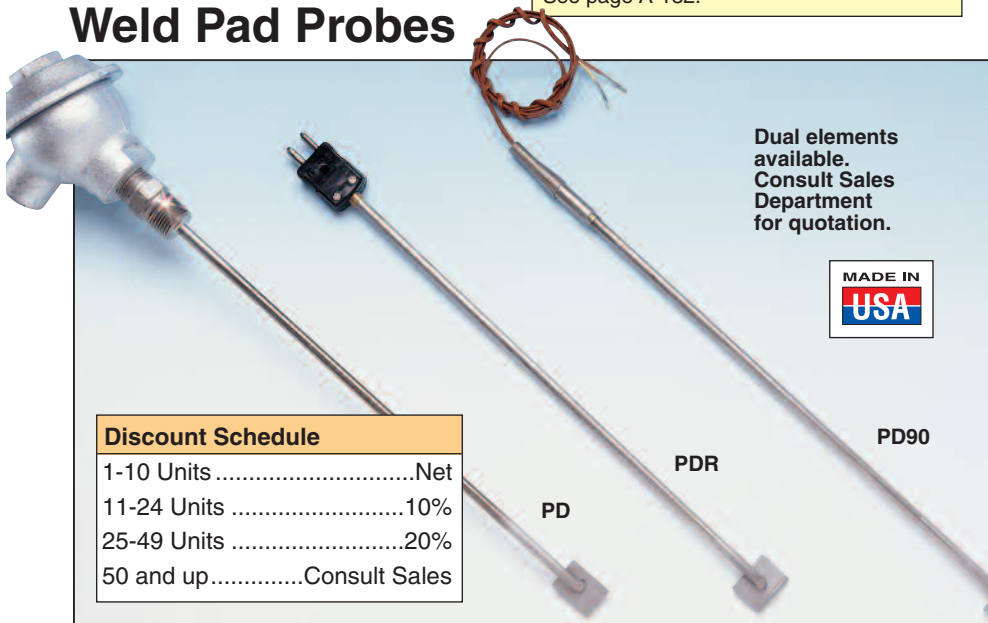
† Plus \$60 set-up.
* Specify pipe radius.

Quick disconnect probes are available with 304 stainless steel or Inconel welding pads for permanent installation. These rugged assemblies are available in three styles, Parallel, Perpendicular, and Curved, to meet most industrial applications. (1/16" diameter probes and larger.)

PAD Dimensions:
25 x 19 x 3 mm (1 x 3/4 x 1/8")

Ordering Example: ICSS-14G-12-PDR-2", Iron-Constantan quick disconnect thermocouple 1/4" dia., 12" L, SS sheath with a curved weld pad for a 2" pipe radius. Price \$47 each plus \$60 setup for lot.

Weld Pad Probes



Dual elements available. Consult Sales Department for quotation.

Discount Schedule	
1-10 Units	Net
11-24 Units	10%
25-49 Units	20%
50 and up	Consult Sales



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• Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters