

Thermocouple Probe Selection Guide

Thermocouple Probe Junction Types

Sheaths with small diameters have faster response times; sheaths with larger diameters have longer life and are better for measuring higher temperatures.

Exposed Junction has the fastest response time ideal for measuring rapid temperature changes. Clear coating on most models provides a humidity barrier for the thermocouple. Do not use with corrosive fluids or atmospheres.



Ungrounded junction

Ungrounded Junction has a welded junction insulated from the protective sheath and is electrically isolated. Longer response time; use for conductive solutions or where isolation of the measuring circuitry is required.

Grounded Junction has a junction welded to tip of sheath. Wires are completely sealed from contaminants. Good response time.



Physical Characteristics of Thermocouples



General Considerations

Extend Your Thermocouples up to 2000 feet without signal loss. Extension wire must be the same type as the thermocouple.

System Error becomes important when you select a probe and meter to make a complete temperature measurement system. For example: a meter has an accuracy of $\pm 0.7^{\circ}$ F; probe error for the type T probe with metal sheath, straight cable, and stripped ends will have an error limit of $\pm 1.8^{\circ}$ F at 400°F. Therefore, the probe-meter system accuracy will be (± 0.7) + (± 1.8) = $\pm 2.5^{\circ}$ F at 400°F.

Probe Sheath/Body Materials

Inconel® 600 Sheath is ideal for severely corrosive environments and elevated temperatures. Resists progressive oxidation. Maximum operating temperature: 1148°C (2100°F) continuous; 1371°C (2500°F) intermittent.

304 SS Sheath is for general-purpose use, is corrosion-resistant, and good for food service and biological applications. Maximum operating temperature: 898°C (1650°F) continuous; 1398°C (2550°F) intermittent.

316 SS Sheath has higher corrosion resistance than 304 SS. Withstands some strong acids. Maximum operating temperature: 898°C (1650°F) continuous; 1371°C (2500°F) intermittent.

SS Sheath with Coating of PTFE or PFA with grounded junction is ideal with corrosive liquids and atmospheres. Longer response time. Temperatures to 260°C (500°F).

Polymer Body Probes are available in a variety of polmyers including Kapton[®] and PTFE. These provide excellent flexibility and often good chemical resistance. Be sure to consult a chemical compatibility table when selecting a probe for your application.



NIST traceability is required for many applications. In order to make an item traceable to NIST standards, the item and the standard are exposed to the same conditions, the readings are noted, and the difference between the readings is recorded on a NIST-traceable calibration report. When taking future readings with the item, the value on the report must be added or subtracted from the measured value.

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General-Purpose Probes

Stainless steel sheaths provide good chemical resistance and fast thermal response

These thermocouple probes were designed to measure any general-purpose or liquid immersion application. All thermocouple probes include a 5-ft PVC coiled cord with strain relief that protects from repeated flexing and tugging. Ergonomic, easy-grip 5"L glass-filled nylon handle (unless noted below) provides maximum heat insulation and impact resistance. Fingerstops on handle prevent probe from rolling and fingers from sliding when inserting probe into hard materials.

The 316 stainless steel sheath (shaft casing) provides durability, strength, and maximum abrasion resistance. Rugged thermoset plastic miniconnector is compatible with all Oakton and Acorn® thermocouple thermometers. Connectors and coiled cord are color-coded based on type: type J black, type K yellow, and type T blue.



General-purpose probe 08516-55

Miniconnector

and the

Standard nylon handle

Specifications & Ordering Information

Catalog number	Туре	Temperature range	Features	Tip length	Dimensions*
Standard probes					
WD-08517-55	J	-190 to 760°C (-310 to 1400°F)			
WD-08516-55	к	-250 to 899°C (-418 to 1650°F)		5"	
WD-08500-55	Т	-250 to 400°C (-418 to 752°F)			Tin Jonneth (F!! 10!! or 94!!)
WD-93756-03	J	-190 to 760°C (-310 to 1400°F)	Junction: arounded		III p rengun (5 , 12 , 0r 24)
WD-93756-23	К	-250 to 899°C (-418 to 1650°F)	Response time: 15 sec (liquids)	12"	
WD-93756-63	Т	-250 to 400°C (-418 to 752°F)	316 SS sheath; nylon handle		The second secon
WD-93756-04	J	-190 to 760°C (-310 to 1400°F)			[_] 0.093" dia tip
WD-93756-24	K	-250 to 899°C (-418 to 1650°F)		24"	
WD-93756-44	Т	-250 to 400°C (-418 to 752°F)			
Low-cost probes					
WD-08439-60	J	-190 to 760°C (-310 to 1400°F)	Junction: grounded		4.5"────────────────────────────────────
WD-08439-62	K	-250 to 899°C (-418 to 1650°F)	Response time: 30 sec (liquids)	4.5"	
WD-08439-64	Т	-250 to 400°C (-418 to 752°F)	304 SS sheath; PVC short handle		
					0.155" dia
					└─── 0.75" dia
Small-diameter s	tandard	probes	-		
WD-08505-55	J	–190 to 704°C (–310 to 1300°F)	Junction: grounded		∧" ►
WD-08505-56	K	-250 to 816°C (-418 to 1500°F)	Response time: 10 sec	4"	
WD-08505-57	Т	-250 to 343°C (-418 to 650°F)	316 SS sheath; nylon handle		0.00011 11
					0.063" dia
All stainless stee	l probes				
WD-93600-02	J	-190 to 760°C (-310 to 1400°F)	Junction: grounded		
WD-93600-22	K	-250 to 899°C (-418 to 1650°F)	Response time: 30 sec	8"	8" 8"
WD-93600-42	Т	-250 to 400°C (-418 to 752°F)	316 SS sheath; 316 SS handle		
					0.125" dia
					SS handle

*Overall probe sheath lengths may vary up to ± 0.25 ".



Ensure the accuracy of your thermocouple probe, meter, or system!

Calibration to a NIST-traceable standard helps you meet ISO, FDA, USDA, and EPA guidelines. Our A2LA-accredited metrology laboratory will pretest and calibrate your thermocouple equipment. Service includes NIST-traceable calibration report with before and after test data at four temperature test points. See pages 92-93 for ordering information.

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Penetration and Air/Gas Probes

Spear tips make semisolid testing easy; exposed junctions with perforated shields provide fast response to flowing air

Probes include a 5-ft PVC coiled cord with strain relief that protects from repeated flexing and tugging. Ergonomic, easy-grip 5"L glass-filled nylon handle (unless noted below) provides maximum heat insulation and impact resistance. Fingerstops on handle prevent probe from rolling and fingers from sliding when inserting probe into hard materials.

The 316 stainless steel sheath (shaft casing) provides durability, strength, and maximum abrasion resistance. Rugged thermoset plastic miniconnector is compatible with all Oakton and Acorn® thermocouple thermometers. Connectors and coiled cord are color-coded based on thermocouple type: type J black, type K yellow, and type T blue.

A Penetration Probes offer a pointed tip style for penetration into hard and semisolid materials. Sturdy stainless steel tip casing prevents tip from bending when inserting.

■ Air/Gas Probes are designed with a perforated shield which allows air and other gases to flow into the sensor for quick readings. Metal shield also absorbs radiated heat and minimizes sensor error. Our sensors are encased in ceramic mineral (MGO) insulation to provide stability, and shock and vibration resistance. Standard penetration probe 08516-65



Miniconnector



Standard nylon handle

Specifications & Ordering Information

Catalog number	Туре	Temperature range	Features	Tip length	Dimensions	
A Penetration probes						
Standard probes						
WD-08517-65	J	-190 to 760°C (-310 to 1400°F)	Junction: grounded			
WD-08516-65	K	-250 to 899°C (-418 to 1650°F)	Response time: 25 sec (liquids)	4"		
WD-08500-65	Т	-250 to 400°C (-418 to 752°F)	304 SS sheath; nylon handle			
WD-93601-22	J	-190 to 760°C (-310 to 1400°F)	Junction: grounded		Tip length (5, 12, or 24")	
WD-93601-24	K	-250 to 900°C (-418 to 1652°F)	Response time: 50 sec	12"		
WD-93601-26	Т	-250 to 371°C (-418 to 700°F)	316 SS sheath; nylon handle		0.156" dia	
WD-93601-42	J	-190 to 760°C (-310 to 1400°F)	Junction: grounded		····· ··· ··· ··· ··· ··· ··· ··· ···	
WD-93601-44	K	-250 to 900°C (-418 to 1652°F)	Response time: 50 sec	24"		
WD-93601-46	Т	-250 to 287°C (-418 to 550°F)	316 SS sheath; nylon handle			
Small-diameter prob	es with	hypodermic tip				
WD-93601-02	J	-190 to 704°C (-310 to 1300°F)	Junction: grounded			
WD-93601-04	K	-250 to 816°C (-418 to 1500°F)	Response time: 15 sec	4"	4	
WD-93601-06	Т	-250 to 343°C (-418 to 650°F)	316 SS sheath; nylon handle		A DESCRIPTION OF THE OWNER OWNER OF THE OWNER OWNER OF THE OWNER	
					🖵 0.063" dia	
Low-cost probes						
WD-08439-80	J	-190 to 760°C (-310 to 1400°F)	Junction: grounded		2 5" 1.25"	
WD-08439-82	K	-250 to 899°C (-418 to 1650°F)	Response time: 25 sec (liquids)	4.5"		
WD-08439-84	Т	-250 to 400°C (-418 to 752°F)	316 SS sheath; PVC short handle			
					— 0.125" dia — 0.75" dia	
B Air/gas probes						
Standard probes						
WD-08517-75	J	-190 to 537°C (-310 to 1000°F)	Junction: exposed; isolated		0.5%	
WD-08516-75	К	-250 to 537°C (-418 to 1000°F)	Response time: 225 s at 5 m/s airflow	8.5"	8.5	
WD-08500-75	Т	-250 to 537°C (-418 to 1000°F)	316 SS sheath and radiation shield			
					— 0.25" dia — 0.156" dia	
Low-cost probes						
WD-08439-90	J	-190 to 300°C (-310 to 572°F)	Junction: exposed; isolated		En	
WD-08439-92	К	-250 to 300°C (-418 to 572°F)	Response time: 225 s at 5 m/s airflow	5"	0 199"	
WD-08439-94	Т	-250 to 300°C (-418 to 572°F)	304 SS sheath and SS wire coil			
					0.5" 0.125" dia	

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Surface Probes

Surface ground junction ensures junction senses temperature of surface, not surrounding atmosphere

Surface probes offer dual spring tips to provide positive contact with flat or slightly irregular surfaces. Include a 5-ft PVC coiled cord with strain relief that protects from repeated flexing and tugging. Ergonomic, easy-grip 5"L glassfilled nylon handle (unless noted below) provides maximum heat insulation and impact resistance. Fingerstops on handle prevent probe from rolling and fingers from sliding when inserting probe into hard materials.

The 316 stainless steel sheath (shaft casing) provides durability, strength, and maximum abrasion resistance. Rugged thermoset plastic miniconnector is compatible with all Oakton and Acorn® thermocouple thermometers. Connectors and cord are color-coded based on thermocouple type: type J black, type K yellow, and type T blue.

A,B,C Standard Surface Probes feature ceramic tips to ensure excellent thermal contact.

Flat-leaf Probe facilitates insertion into openings.

E Adhesive Probes make it easy to monitor surface temperatures over time.

08517-60



Specifications & Ordering Information

Catalog number	Туре	Temperature range	Features	Tip length	Dimensions	
A Standard straight probes						
WD-08517-60	J	-190 to 649°C (-310 to 1200°F)	Junction: exposed; isolated		10"	
WD-08516-60	К	-250 to 649°C (-418 to 1200°F)	Response time: 30 sec	10"		
WD-08500-60	Т	-250 to 343°C (-418 to 650°F)	Aluminum housing; nylon handle		0.188" dia	
					0.5" dia 0.63" dia	
B Low-cost probes	1					
WD-08439-70	J	-190 to 649°C (-310 to 1200°F)	Junction: exposed; isolated		4.5"	
WD-08439-72	К	-250 to 649°C (-418 to 1200°F)	Response time: 30 sec	4.5"	0.5"	
WD-08439-74	Т	-250 to 371°C (-418 to 700°F)	Aluminum housing; no handle		dia dia	
					0.1 to 0.25" 0.63" dia	
C 90°-angle probes	ideal for	hard-to-reach areas.				
WD-08517-64	J	-190 to 649°C (-310 to 1200°F)	Junction: exposed; isolated		0.188"	
WD-08516-64	К	-250 to 649°C (-418 to 1200°F)	Response time: 30 sec	2"	dia 60"	
WD-08500-64	T	-250 to 343°C (-418 to 650°F)	Aluminum housing; nylon handle			
					2.0" 0.63" dia	
					— — 0.5" dia	
D Flat-leaf probe: flexible for positive contact in hard-to-reach areas; use between metal plates or on other surfaces.						
WD-08518-60	K	-250 to 900°C (-418 to 1650°F)	Response time: 5 sec	4.5"	- 0.212"	
					⊢ 4.5"	
🖪 Self-adhesive probes: adhere to most surfaces, Kapton®-insulated wire and industrial adhesives for high temperature and long-term durability.						
WD-08519-50	J	-190 to 404°C (-310 to 760°F)	Junction: grounded		2.0"	
WD-08519-52	K	-250 to 404°C (-418 to 760°F)	Response time: 5 sec	—		
WD-08519-54	T	-250 to 404°C (-418 to 760°F)	No handle; 5-ft L wire		1.0	



Flexible Insulated-Wire Probes

Choose from a variety of coating materials to match your application

Flexible insulated-wire probes include a straight insulated cable without a handle. These probes can be easily bent and mounted on walls or around corners.

Rugged thermoset plastic miniconnector is compatible with all Oakton and Acorn® thermocouple thermometers. Connectors and cord are color-coded based on thermocouple type: type J black, type K yellow, and type T blue.

PVC-insulated probes provide economical options with good flexibility.

The PTFE- and FEP-insulated probes are for use with acids and chemicals.

C Kapton[®]-insulated probes exhibit an excellent balance of physical, chemical, and electrical properties over a wide temperature range, particularly at unusually high temperatures.

D Fiberglass-insulated probes offer excellent electrical insulation properties and can be exposed to extremely high temperatures.

Specifications & Ordering Information

Catalog number	Туре	Temperature range	Features	Dimensions		
PVC-insulated probes with epoxy-coated tip, 20-gauge (0.032" dia) wire; 10-ft L; short-term immersible.						
WD-08466-02	J	–190 to 105°C (–310 to 221°F)	Junction: ungrounded	0.090" x 0.155" outer dia		
WD-08466-04	К	-250 to 105°C (-418 to 221°F)	Response time: 25 sec	5		
WD-08466-06	Т	-250 to 105°C (-418 to 221°F)				
				└── 0.166" dia		
B Fine-gauge PTFE-ins	sulated prob	e, 0.025" outer dia; 3-ft L; implant in sem	nisolids. Includes five 18-gauge needles.			
WD-08506-75	Т	-250 to 150°C (-418 to 302°F)	Junction: ungrounded	— 0.025" dia		
			Response time: 0.5 sec			
B FEP-insulated probe	es with epox	<mark>y-coated junction,</mark> 24-gauge (0.020" dia) wire; 10-ft L; long-term immersible.			
WD-08466-81	J	–190 to 204°C (–310 to 400°F)	Junction: ungrounded	— 0.091" dia 0.056" x 0.093" outer dia		
WD-08466-82	К	-250 to 204°C (-418 to 400°F)	Response time: 15 sec			
WD-08466-83	Т	-250 to 204°C (-418 to 400°F)				
C Kapton-insulated pr	C Kapton-insulated probe, 24-gauge (0.020" dia) wire; 10-ft L; ideal for multipoint temperature measurements.					
WD-08517-90	J	–190 to 315°C (–310 to 600°F)	Junction: exposed	0.038" x 0.063" outer dia		
			Response time: 15 sec			
C Kapton-insulated probes, 30-gauge (0.010"dia) wire; 5-ft L; ideal for checking food temperatures. Pack of six.						
WD-08505-87	J	-190 to 404°C (-310 to 759°F)	Junction: exposed	0.052" outer dia		
WD-08505-86	К	-250 to 404°C (-418 to 759°F)	Response time: 0.5 sec			
WD-08505-85	Т	-250 to 404°C (-418 to 759°F)				
D Fiberglass-insulated probes, 24-gauge (0.020" dia) wire; 10-ft L. Use for high-temperature measurements.						
WD-08512-81	J	-190 to 482°C (-310 to 900°F)	Junction: exposed	0.052" x 0.081" outer dia		
WD-08512-82	К	-250 to 482°C (-418 to 900°F)	Response time: 15 sec	A REAL PROPERTY AND A REAL		
WD-08512-83	Т	–250 to 400°C (–418 to 750°F)				

Thermocouple Wires

Wires come in 20-, 24-, or 30-gauge for fabricating your own probes or extension cables (meets ANSI and ASTM standards). Choose from wire with PVC, FEP, or fiberglass braid insulation. 100 ft (30 m) bolt.



Catalog number	Туре	Gauge	Max temperature	Insulation
WD-08541-16	J	20	105°C (221°F)	PVC
WD-08541-06	J	24	105°C (221°F)	PVC
WD-08541-07	J	24	204°C (400°F)	FEP
WD-08541-08	J	24	482°C (900°F)	Glass braid
WD-08541-00	J	30	204°C (400°F)	FEP
WD-08541-20	К	20	105°C (221°F)	PVC
WD-08541-22	K	20	482°C (900°F)	Glass braid
WD-08541-23	к	20	704°C (1300°F)	High-temp glass braid
WD-08541-09	К	24	105°C (221°F)	PVC
WD-08541-10	K	24	204°C (400°F)	FEP
WD-08541-11	к	24	482°C (900°F)	Glass braid
WD-08541-02	К	30	204°C (400°F)	FEP
WD-08541-25	T	20	105°C (221°F)	PVC
WD-08541-26	T	20	204°C (400°F)	FEP
WD-08541-12	T	24	105°C (221°F)	PVC
WD-08541-13	T	24	204°C (400°F)	FEP
WD-08541-04	T	30	204°C (400°F)	FEP

Specialty Probes

Designed for food, science, electronics, and HVAC applications

Food probes—exery clean-up designs. For more food probes, see the statictes steel arches on page 73. All statices steel probes. 21, for added addualby—deal of the of processing page 13 and the dest statictes steel handle and 4.ft SS amorand cable. VIO 93006 22, kt. 1 -100 to 700°C (-310 to 100°F) Junction: grounded for the statictes steel andles, 51. Ideal of the ching food tomperatures. The club 6.ft coiled cable. VIO 93006 22, kt. 2, b -250 to 400°C (-130 to 100°F) Junction: grounded for the ching food tomperatures. Includ 6.ft coiled cable. VIO 93006 24, kt. 4, b -250 to 400°C (-130 to 100°F) Junction: grounded for the ching food tomperatures. Includ 6.ft coiled cable. VIO 93006 24, kt. 4, b -250 to 400°C (-130 to 100°F) Junction: grounded for the ching food tomperature. Includ 6.ft coiled cable. VIO 93007 26, kt. 4, c -250 to 30°C (-141 to 60°F) Junction: grounded for the ching food tomperature. Includ 6.ft coiled cable. VIO 93007 26, kt. J -180 to 37°C (-310 to 30°C) Junction: grounded for the ching food tomperature. Includ 6.ft coiled cable. VIO 93007 26, kt. J -250 to 37°C (-141 to 60°F) Junction: grounded for the ching food tomperature. Includ 6.ft coiled cable. VIO 93007 26, kt. K -250 to 37°C (-141 to 60°F) Junction: grounded for the ching food tomperature. Includ 6.ft coiled cable. V	Catalog number	Туре	Temperature range	Features	Dimensions*				
All statistics stel probes. The added durabiley—clean for food processing applications. Include 54: statistics stel handle and 4.1f. SS-armord c able. VIO 59800-22 K K -2016 890°C (-1316 n 1580°F) Response time: 39 as c 310 SS 310640°C (-1316 n 252°F) Response time: 39 as c 310 SS 310640°C (-1316 n 252°F) Response time: 39 as c 310 SS 310640°C (-1316 n 252°F) Response time: 19 as c 310 SS 310640°C (-1316 n 252°F) Response time: 19 as c 310 SS 310640°C (-1316 n 252°F) Response time: 19 as c 310 SS 310640°C (-1316 n 252°F) Response time: 19 as c 310 SS 310640°C (-1316 n 252°F) Response time: 19 as c 310 SS 310640°C (-1316 n 252°F) Response time: 19 as c 310 SS 310640°C (-1316 n 252°F) Response time: 19 as c 310 SS 310640°C (-1316 n 252°F) Response time: 19 as c 310 SS 310640°C (-1316 n 252°F) Response time: 19 as c 310 SS 310640°C (-1316 n 252°F) Response time: 19 as c 310 SS 310640°C (-1310 n 252°F) Response time: 19 as c 310 SS 310640°C (-1310 n 252°F) Response time: 19 as c 310 SS 310640°C (-1310 n 252°F) Response time: 19 as c 310 SS 310640°C (-1310 n 252°F) Response time: 19 as c 310 SS 310640°C (-1310 n 252°F) Response time: 19 as c 310 SS 310640°C (-1310 n 252°F) Response time: 19 as c 310 SS 310640°C (-1310 n 252°F) Response time: 19 as c 310 SS 310640°C (-1310 n 252°F) Response time: 19 as c 310 SS 310640°C (-1310 n 252°F) Response time: 19 as c 310 SS 310640°C (-1310 n 252°F) Response time: 19 as c 310 SS 310640°C (-1310 n 252°F) Response time: 19 as c 310 SS 310640°C (-1310 n 252°F) Response time: 19 as c 310 SS 310641°C (-1310 n 252°F) Response time: 19 as c 310 SS 310641°C (-1310 n 252°F) Response time: 19 as c 310 SS 310641°C (-1310 n 252°F) Response time: 19 as c 310 SS 310641°C (-1310 n 252°F) Response time: 19 as c 310 SS 310641°C (-1310 n 252°F) Response time: 19 as c 310 SS 310641°C (-1310 n 252°F) Response time: 19 as c 310 SS 310641°C (-1310 n 252°F) Response time: 19 as c 310 SS 310641°C (-1310 n 252°F) Response time: 19 as c 310 SS 310641°C (-1310 n 252°F	Food probes—easy clean-up designs. For more food probes, see the stainless steel probes on page 73								
VID:0300-22 VID:0300-22	All stainless steel probes, 8"L; for added durability—ideal for food processing applications. Include 4.5"L stainless steel handle and 4-ft SS-armored cable.								
VD:9300-22 VD:9300-22 VD:9300-22 VD:9300-22 VD:9300-22 VD:9300-24	WD-93600-02	J	-190 to 760°C (-310 to 1400°F)	Junction: grounded	011				
VIOU-3800-12 T	WD-93600-22	K	-250 to 899°C (-418 to 1650°F)	Response time: 30 sec					
Small-diameter probes with ministers statel handles, EL Ideal for checking food temperatures. Include 5-ft coiled cable. VIO 05056-51 VIO 05056-52 VIO 05056-53 VIO 05056-53 VI - 250 to 30°C C-18 to 1500°F Junction: grounded Besponse time: 10 as 316 SS sheath; miniconnector; SS handle Image: state sta	WD-93600-42	Т	–250 to 400°C (–418 to 752°F)	316 SS sheath; miniconnector; SS handle	0.125" dia				
VN 08055 s1 VN 08055 s2 VN 08055 s2 VN 08055 s2 VN 08055 s3 VT J -198 to 374°C + 310 to 320°F1 -250 to 34°C (-118 to 550°F) American grounded Provide Strice 10 sec 316 S5 sheath; miniconnector; S5 handle Food service probes with hypodermic tig, 4°L, houlds 4-ft stright more cable.	Small-diameter probes with miniature staipless steel handles. 8" I ideal for checking food temperatures. Include 5-ft coiled cable								
WD-8956-53 K -220 to 387°C (-138 to 690°F) 316 SS sheath micconnector; SS handle WD-8956-53 T -220 to 387°C (-138 to 690°F) 316 SS sheath; micconnector; SS handle WD-8956-53 K -220 to 387°C (-138 to 690°F) 316 SS sheath; micconnector; SS handle WD-8957-24 J -130 to 371°C (-130 to 70°F) Baseponse time: 10 sec WD-8957-24 K -200 to 371°C (-148 to 700°F) Baseponse time: 10 sec WD-9857-24 K -200 to 371°C (-148 to 700°F) Baseponse time: 10 sec Science needle tip probes -200 to 371°C (-148 to 700°F) Baseponse time: 10 sec Solitioner pronoled Response time: 10 sec -9000 S87° dia 0.857° dia VD-93001-24 K -200 to 371°C (-148 to 700°F) Baseponse time: 10 sec -9000°F VD-93001-24 K -200 to 371°C (-148 to 700°F) Baseponse time: 10 sec -900°F VD-93001-26 J -190 to 371°C (-148 to 700°F) Baseponse time: 10 sec -900°F VD-93001-26 J -1900 to 371°C (-148 to 700°F) Baseponse time: 10 sec -900°F VD-9301-26 J J -1900 to 371°C (-148 to 700°F) Baseponse time: 10 sec	WD-08505-61	J	-190 to 704°C (-310 to 1300°F)	Junction: arounded					
WD-8896-83 T -290 to 340°C (-418 to 650°F) 316 S S sheath, miniconnector; SS handle 0.085° dia 0.325° dia Fod service probes with hypodermic tig, 4°L. Include 5-th straight ramored cable. -290 to 31°C (-418 to 700°F) American probes -290 to 31°C (-418 to 700°F) American probes -0.665° dia 0.65° dia 0.25° dia Science needle tip probes Sin S S sheath and handle; miniconnector 0.66° dia 0.25° dia 0.25° dia Science needle tip probes Sin S S sheath and handle; miniconnector; updated -900 to 31°C (-418 to 700°F) Junction: grounded -900 to 30°C (-418 to 700°F) Junction: grounded -900 to 30°C (-418 to 700°F) Junction: grounded -900 to 40°C (-418 to 700°F) Junction: grounded -900 to 40°C (-418 to 700°F) Junction: grou	WD-08505-62	ĸ	-250 to 816°C (-418 to 1500°F)	Response time: 10 sec	8" 2.25"				
Ford-service probes with hypodemic tip, 4*L Include 4-ft straight amored cable. W0-3807-20 W0-3807-20 W0-3807-20 W0-3807-20 W0-3807-20 W0-3807-20 W0-3807-20 W0-3807-20 W0-3807-20 W0-3807-20 W0-3807-20 W0-3807-20 W0-3807-20 W0-3807-20 W0-3807-40 W0-3807	WD-08505-63	Т	-250 to 343°C (-418 to 650°F)	316 SS sheath; miniconnector; SS handle	└── 0.063" dia └── 0.375" dia				
VD:9807.20 VD:9307.21 VD:9307.24 J X	Food-service pro	bes with hy	 <mark>podermic tip,</mark> 4"L. Include 4-ft straight a	rmored cable.					
WD 3907-24 K -250 to 371°C (-1418 to 700°F) Response time: 10 sec 316 SS sheath and handle; minconnector Science needle tip probes -250 to 371°C (-1418 to 700°F) 316 SS sheath and handle; minconnector 0.057 dia Science needle tip probes -190 to 704°C (-1310 to 130°F) Junction: grounded Response time: 15 sec 316 SS sheath, miniconnector; glass Sheath, miniconnector; glass Sheath, miniconnector; glass Sheath and handle; miniconnector 0.057 dia WVD-3010-40 X -250 to 331°C (-1418 to 50°F) Response time: 15 sec 316 SS sheath and handle; miniconnector 0.057 dia WVD-30116-60 X -250 to 311°C (-1418 to 700°F) Response time: 15 sec 316 SS sheath and handle; miniconnector 0.057 dia 0.057 dia WVD-30116-61 X -250 to 311°C (-1418 to 700°F) Response time: 10 sec 316 SS sheath and handle; miniconnector 0.057 dia 0.057 dia WVD-30116-61 X -250 to 311°C (-1418 to 700°F) Response time: 10 sec 316 SS sheath and handle; miniconnector 0.0637 dia 0.057 dia WVD-3051-62 X -30 to 334°C (-418 to 700°F) Response time: 10 sec 316 SS sheath and handle; miniconnector 0.057 dia 0.057 dia WVD-3051-64	WD-93607-20	J	-190 to 371°C (-310 to 700°F)	Junction: grounded	A" 15"				
WD 9807-24 T -250 to 371°C (-418 to 700°F) 316 SS sheath and handle; miniconnector 0.063° dia 0.22° dia Science needle tip probes	WD-93607-22	К	-250 to 371°C (-418 to 700°F)	Response time: 10 sec	4 1 1.3				
Science needle tip probes Small-finameter probes with hypodermic tip, 41. Include 5-ft coiled cable. WD 33601-04 J Figure 1 = 10 to 740°C (-310 to 1300°F) 250 to 347°C (-418 to 1500°F) Joss -Filde polypropylene handle Juss-Filde polypropylene handle WD-9801-04 K Joss -Filde polypropylene handle WD-9811-26 K VD-9811-26 K K VD-9811-26 K K	WD-93607-24	Т	–250 to 371°C (–418 to 700°F)	316 SS sheath and handle; miniconnector	0.063" dia 0.25" dia				
Small-diameter probes with hypodermic fu, 4L include 5-ft colled cable. WD-83601-02 WD-83601-02 WD-83601-02 WD-83601-02 T J -190 to 6370 - C-310 to 1300°F1 -250 to 8170 - C-130 to 1650°F1 -250 to 8170 - C-130 to 1650°F1 -250 to 8170 - C-130 to 1650°F1 -250 to 8170 - C-130 to 150°F1 -250 to 8170 - C-130 to 150°F1 -250 to 8170 - C-130 to 170°F1 -250 to 8170 - C-130 to 170°F1 -250 to 3170 - C-130 to 70°F1 -250 to 3170 - C-140 to 70°F1 -250 to 581 and aluminum housing with ceramic support. Include 5-ft colled cable. WD-0817-62 WD-0817-62 WD-0857-62 WD-0857-62 WD-0857-62 WD-0857-62 WD-0857-62 WD-0857-70 WD-0857-70 WD-0857-70 WD-0857-70 WD-0857-70 WD-0857-70 WD-0857-70 WD-0857-70 WD-0857-75 K J -190 to 649°C - C-100 to 120°F1 Augustum housing: miniconnector; n/on handle with ceramic support. Include 5-ft colled cable. WD-0857-90 WD-0857-70 WD-0857-70 WD-0857-75 K J -190 to 649°C - C-100 to 120°F1 Augustum housing: miniconnector; n/on handle with ceramic support. Include 5-ft colled cable. WD-0857-90 WD-0857-70 WD-0857-	Science needle t	ip probes							
WD-9801-42 WD-9801-42 WD-9801-46 WD	Small-diameter p	robes with	hypodermic tip, 4"L. Include 5-ft coiled	cable.					
WD-39801-04 WD-39801-04 WD-39801-06 WD-39801-06 WD-39801-06 WD-39801-06 WD-3981	WD-93601-02	J	-190 to 704°C (-310 to 1300°F)	Junction: grounded	5.5"				
WD-93001-06 T -250 to 343°C (-418 to 650°F) 316 SS sheath, miniconnector, glass-filled phyrpoylene handle Hypodemic probes, 4°L, Include 4-ft straight PVC cable and bendable sheath. 0.065° dia WD-0811-65 X -250 to 371°C (-418 to 700°F) Junction: grounded WD-0811-65 X -250 to 371°C (-418 to 700°F) Junction: a start and the optimic start and the start and the optimic start and the optimic start and the start and the optimic start and the start and the optimic start and the optimic start and the start and the optimic start and the start and the optimic start and the optimic start and the start	WD-93601-04	K	–250 to 816°C (–418 to 1500°F)	Response time: 15 sec	4				
Hypodemic probes, 4L. Include 4.ft straight PVC cable and bendable sheath. WD-08116-65 WD-08116-75 WD-081	WD-93601-06	Т	–250 to 343°C (–418 to 650°F)	316 SS sheath; miniconnector;					
Hypodemic probes, 4. Lincuide 4-ft straight PVC Cable and bendable sheath. WU0-0811-65 J W0-0811-65 T -250 to 371°C (-418 to 700°F) Response time: 10 sec 316 SS sheath and handle; miniconnector Bendl-diameter probes. Response time: 10 sec 306 SS sheath and handle; miniconnector W0-0811-62 W0-0811-62 W1-0851-62 X -250 to 371°C (-418 to 700°F) Response time: 10 sec 316 SS sheath and handle; miniconnector W0-0851-62 X -250 to 343°C (-418 to 1200°F) Response time: 15 sec W0-0851-62 X -250 to 343°C (-418 to 1200°F) Response time: 15 sec Bropping/magnetic probes. JS-1 Atta hand handle; miniconnector, nylon handle W0-0851-64 X -250 to 343°C (-418 to 1200°F) Response time: 25 set T -250 to 343°C (-418 to 1200°F) Response time: 25 set 1 W0-0851-65 T -250 to 343°C (-418 to 1200°F) Respon		411 1 1		glass-filled polypropylene handle	— 0.005 uia				
WU-Bit1-65 J -1-901 6 3/1 * C (-310 to 700°F) Junction: grounded WU-Bit1-65 K -250 to 371° C (-418 to 700°F) Junction: grounded Response time: 10 sec 316 SS sheath and handle; miniconnector 0.653° dia 0.22° dia Electronics small surface probes—fast response and minimal damages to components. Junction: grounded areas. Junction: exposed incide of the second area and auminum housing with ceramic support. Include 5-ft coiled cable. WD-08516-62 K -250 to 649°C (-310 to 1200°F) Junction: exposed incide of the second area and the second and auminum housing with ceramic support. Include 5-ft coiled cable. WD-08516-62 K -250 to 649°C (-418 to 500°F) Junction: exposed isolated mousing; miniconnector; nylon handle Junction: exposed isolated mousing; miniconnector; nylon handle HVAC probes Dropping/magnetic probes. J.S.T. Lattach magnetic probe to any flat ferrous surface. Include 10-ft straight SS braid over fiberglass-insulated wire. Junction: exposed isolated WD-08517-65 J -130 to 649°C (-310 to 1200°F) Junction: exposed isolated Junction: exposed isolated WD-08517-75 X -418 to 1200°F) Junction: exposed isolated Junction: exposed isolated WD-08517-75 X -418 to 1000°F (-190 to 537°C) Response time: 235 s at 51 coiled ca	Hypodermic prob	es, 4°L. Incli	ude 4-ft straight PVC cable and bendabl	e sneath.					
WD-0817-80 WD-0817-80 E X -2.20 to 37 °C (-418 to 700°F) Insplice time, 10 SeC 31 § SS sheat and handle; miniconnector 0.065° dia 0.055° dia Electronics small surface probes -fast response and minimal damages to components. Small-diameter probes, ST. Small diameter is ideal for confined areas. Exposed junction is isolated from 316 SS shaft and aluminum housing with ceramic support. Include 5-ft coiled cable. WD-08516-62 WD-08516-62 WD-08516-62 WD-08516-68 K X -750 to 64°C (-418 to 1200°F) Junction: exposed; isolated Response time: 15 sec 316 SS shaft and aluminum housing; miniconnector; nylon handle 15°	WD-08110-05	J	-190 to 3/1°C (-310 to 700°F)	Junction: grounded	4" 1.5"				
Image: Stress of the stress	WD-08117-05	Т	-250 to 371 C (-418 to 700 F)	316 SS sheath and handle: miniconnector					
Identified and the probes — fast response and minimal damages to components. Small diameter probes, 8°L. Small diameter is ideal for confined areas. Exposed junction is isolated from 316 SS shaft and aluminum housing with ceramic support. Include 5-ft coiled cable. WD-08517-62 VD VD WD-08516-62 K VD -250 to 649°C (-418 to 1200°F) Association is isolated from 316 SS shaft and aluminum housing; miniconnector; nylon handle 1.5° + 6.5° + 0.125° dia HVAC probes -250 to 649°C (-418 to 1200°F) Bropping/magnetic probes, 1-5°L. Attach magnetic probe to any flat ferrous surface. Include 10-ft straight SS braid over fiberglass-insulated wire. WD-08518-86 J -190 to 649°C (-418 to 1200°F) Response time: 30 sec 1° dia WD-08518-75 J -250 to 339°C (-418 to 750°F) Aluminum housing; miniconnector Aluminum housing; miniconnector WD-08518-75 J -301 to 1000°F (-190 to 537°C) Aluminum housing; miniconnector; nylon handle 1.25° dia WD-08518-75 K -418 to 1000°F (-250 to 537°C) Aluminum housing; miniconnector; nylon handle 1.25° dia WD-08518-760 J -190 to 649°C (-418 to 120°F) </td <td></td> <td>•</td> <td></td> <td></td> <td>— 0.063" dia — 0.25" dia</td>		•			— 0.063" dia — 0.25" dia				
Small-diameter probes, 8°L. Small diameter is ideal for confined areas. Exposed junction is isolated from 316 SS shaft and aluminum housing with ceramic support. Include 5-ft coiled cable. WD-08517-62 WD-08516-62 WD-08516-62 WD-08506-62 T X -250 to 649°C (-418 to 1200°F) -250 to 343°C (-418 to 650°F) Junction: exposed, isolated Response time: 15 sec miniconnector; nylon handle 1.5" -0.25" dia 0.125" dia HVAC probes -	Electronics small	surface pro	obes —fast response and minimal dama	ges to components.					
WD-08517-62 WD-08516-62 WD-08506-62 WD-08506-62 WD-08506-62 WD-08506-62 WD-08506-62 WD-08506-62 WD-08506-62 WD-08506-62 WD-08506-62 WD-08506-60 WD-08512-66 WD-08512-66 WD-08512-66 WD-08512-66 WD-08512-66 WD-08512-66 WD-08512-66 WD-08512-66 WD-08512-66 WD-08512-66 WD-08512-66 WD-08512-66 WD-08512-66 WD-08512-67 WD-08512-67 WD-08512-67 WD-08512-67 WD-08512-67 WD-08512-67 WD-08512-67 WD-08512-67 WD-08512-67 WD-08512-67 WD-08512-68 WD-08512-68 WD-08512-60 WD-08502-60	Small-diameter p Exposed junction	robes, 8"L. S is isolated f	Small diameter is ideal for confined area rom 316 SS shaft and aluminum housing	as. g with ceramic support. Include 5-ft coiled cal	ble.				
WD-08516-62 WD-08500-62 K T -250 to 649°C (-418 to 1200°F) -250 to 343°C (-418 to 650°F) Response time: 15 sec 316 SS shaft and aluminum housing; miniconnector; nylon handle HVAC probes Dropping/magnetic probes, 1.5°L Attach magnetic probe to any flat ferrous surface. Include 10-ft straight SS braid over fiberglass-insulated wire. Image: 15 sec 316 SS shaft and aluminum housing; miniconnector; nylon handle WD-08519-86 WD-08519-86 WD-08519-86 WD-08519-86 K J -190 to 649°C (-310 to 1200°F) -250 to 399°C (-418 to 750°F) Junction: exposed Aluminum housing; miniconnector I* dia Image: 15 sec 316 SS shaft and aluminum housing; miniconnector WD-08519-86 WD-08517-75 WD-08517-75 WD-08517-75 WD-08507-75 J -310 to 1000°F (-190 to 537°C) -418 to 1000°F (-250 to 537°C) Junction: exposed; isolated Response time: 225 s at 5 m/s airflow 316 SS shaft and aluminum housing with ceramic support. Includes 5-ft coiled cable. WD-08517-60 K WD-08507-60 K WD-085	WD-08517-62	J	-190 to 649°C (-310 to 1200°F)	Junction: exposed; isolated	L 15"				
WD-08500-62 T -250 to 343°C (-418 to 650°F) 316 SS shaft and aluminum housing; miniconnector; nylon handle 0.188" 0.25" dia 0.125" dia HVAC probes Dropping/magnetic probes, 1.5"L. Attach magnetic probe to any flat ferrous surface. Include 10-ft straight SS braid over fiberglass-insulated wire. 1" dia 1.125" dia 0.125" dia WD-08519-86 J -190 to 649°C (-418 to 1200°F) Junction: exposed 1" dia 1.5" WD-08519-86 T -250 to 399°C (-418 to 720°F) Aluminum housing; miniconnector 15" General-purpose air/gas probes; 8.5"L for general-purpose air temperature measurement. Includes 5-ft coiled cable. 15" 15" WD-08517-75 J -310 to 1000°F (-190 to 537°C) Junction: exposed; isolated 1.25" -1 8.5" WD-08507-75 T -418 to 1000°F (-250 to 537°C) Junction: exposed; isolated 1.25" -1 8.5" 1.25" dia 0.156" dia Standard straight probes, 10"L Use to monitor such surfaces as hot plates, furnaces, and molds. Exposed junction is isolated from 316 SS shaft and aluminum housing; miniconnector; nylon handle 0.25" dia 0.158" dia 0.188" dia WD-08516-60 K -250 to 649°C (-418 to 1200°F) Junction: exposed; isolated 1.55" dia 0.158" d	WD-08516-62	К	–250 to 649°C (–418 to 1200°F)	Response time: 15 sec					
HVAC probes Dropping/magnetic probes. 1.5"L. Attach magnetic probe to any flat ferrous surface. Include 10-ft straight SS braid over fiberglass-insulated wire. WD-08514-86 J -190 to 649°C (-310 to 1200°F) Junction: exposed 1" dia WD-08514-86 K -250 to 639°C (-418 to 1200°F) Aluminum housing; miniconnector 1" dia WD-08517-57 J -310 to 1000°F (-190 to 537°C) Aluminum housing; miniconnector 1.5" WD-08517-75 J -310 to 1000°F (-250 to 537°C) Junction: exposed; isolated 1.25" -1 8.5" WD-08517-75 J -310 to 1000°F (-250 to 537°C) Junction: exposed; isolated 1.25" -1 8.5" WD-08510-75 T -418 to 1000°F (-250 to 537°C) Junction: exposed; isolated 16 SS shaft and aluminum housing with ceramic support. Includes a 5-ft coiled cable. WD-08517-60 J -190 to 649°C (-418 to 1200°F) Junction: exposed; isolated 2.0° 2.0° 0.25° dia 0.156° dia WD-08517-60 J -190 to 649°C (-418 to 1200°F) Junction: exposed; isolated 2.0° 0.53° dia 0.188° dia WD-08517-60 J -250 to 343°C (-418 to 650°F) Junction: exposed; isolated 2.0°	WD-08500-62	Т	–250 to 343°C (–418 to 650°F)	316 SS shaft and aluminum housing;	0.188" 0.25" dia 0.125" dia				
HVAC probes Dropping/magnetic probes, 1.5"L. Attach magnetic probe to any flat ferrous surface. Include 10-ft straight SS braid over fiberglass-insulated wire. WD-08519-86 J -190 to 649°C (-310 to 1200°F) Junction: exposed WD-08519-86 J -250 to 649°C (-418 to 1200°F) Aluminum housing; miniconnector 1" dia				miniconnector; nylon handle	tip dia				
Dropping/magnetic probes, 1.5°L. Attach magnetic probe to any flat ferrous surface. Include 10-ft straight SS braid over fiberglass-insulated wire. WD-08519-86 J -190 to 649°C (-310 to 1200°F) Auminum housing; miniconnector WD-08527-86 T -250 to 639°C (-418 to 750°F) Aluminum housing; miniconnector WD-08517-75 J -310 to 1000°F (-190 to 537°C) Auminum housing; miniconnector WD-08516-75 K -418 to 1000°F (-250 to 537°C) Junction: exposed; isolated WD-08507-75 T -418 to 1000°F (-250 to 537°C) Junction: exposed; isolated Response time; 225 s at 5 m/s airflow 1.25° -1 8.5° WD-08517-75 K -418 to 1000°F (-250 to 537°C) Junction: exposed; isolated NVD-08500-75 T -418 to 1000°F (-250 to 537°C) Jif SS sheath and radiation shield; miniconnector; nylon handle 0.25° dia 0.156° dia Standard straight probes, 10°L. Use to monitor such surfaces as hot plates, furnaces, and molds. Exposed isolated Response time: 30 sec Junction: exposed; isolated WD-08510-60 J -190 to 649°C (-418 to 1200°F) Besponse time: 30 sec Junction: exposed; isolated WD-08500-60 T -250 to 649°C (-418 to 650°F) Junction: exposed; isolated	HVAC probes								
WD-08519-86 J -190 to 649°C (-310 to 1200°F) Junction: exposed 1" dia 1" dia WD-08525-86 T -250 to 649°C (-418 to 1200°F) Aluminum housing; miniconnector 1" dia General-purpose air/gas probes; 8.5°L; for general-purpose air temperature measurement. Includes 5-ft coiled cable. 1" dia 1.5" WD-08516-75 K -310 to 1000°F (-190 to 537°C) Junction: exposed; isolated 8.5" 1.5" WD-08516-75 K -418 to 1000°F (-250 to 537°C) Junction: exposed; isolated Response time: 225 s at 5 m/s airflow 1.25" -1 WD-08516-75 K -418 to 1000°F (-250 to 537°C) Junction: exposed; isolated response time: 225 s at 5 m/s airflow 1.25" -1 WD-08516-75 K -418 to 1000°F (-250 to 537°C) Junction: exposed; isolated Response time: 225 s at 5 m/s airflow 1.25" -1 WD-08516-75 K -418 to 1000°F (-250 to 537°C) Junction: exposed; isolated Imiconnector; nylon handle 0.25" dia 0.156" dia WD-08516-75 J J -190 to 649°C (-310 to 1200°F) Junction: exposed; isolated -250 to 649°C (-418 to 650°F) Junction: exposed; isolated WD-08516-60 K Z -250 to 343°C (-4	Dropping/magnet	ic probes, 1	.5"L. Attach magnetic probe to any flat f	ferrous surface. Include 10-ft straight SS braid	l over fiberglass-insulated wire.				
WD-08514-86 K -250 to 649°C (-418 to 720°F) Response time: 30 sec Image: time: 30 sec WD-08525-86 T -250 to 339°C (-418 to 750°F) Aluminum housing; miniconnector General-purpose air/gas probes; 8.5°L; for general-purpose air temperature measurement. Includes 5-ft coiled cable. Junction: exposed; isolated WD-08517-75 J -310 to 1000°F (-190 to 537°C) Junction: exposed; isolated Junction: exposed; isolated WD-0850-75 T -418 to 1000°F (-250 to 537°C) Junction: exposed; isolated miniconnector; nylon handle Standard straight probes, 10°L. Use to monitor such surfaces as hot plates, furnaces, and molds. Exposed junction: exposed; isolated Junction: exposed; isolated WD-08517-60 J -190 to 649°C (-418 to 120°F) Junction: exposed; isolated Junction: exposed; isolated WD-08516-60 K -250 to 649°C (-418 to 120°F) Response time: 30 sec Junction: exposed; isolated WD-0850-60 T -250 to 649°C (-418 to 120°F) Junction: exposed; isolated Junction: exposed; isolated WD-08469-80 X -250 to 104°C (-418 to 120°F) Junction: exposed; isolated Junction: exposed; isolated WD-08469-80 J -190 to 100°C (-418 to 212°F) Junction: ungro	WD-08519-86	J	-190 to 649°C (-310 to 1200°F)	Junction: exposed	1" dia				
WD-0822-86 1 -220 t0 39° C (-418 to 750° F) Aldinitin housing, miniconnector; nylon handle General-purpose air/gas probes; 8.5°L; for general-purpose air temperature measurement. Includes 5-ft coiled cable. WD-08516-75 K -418 to 1000°F (-250 to 537°C) Junction: exposed; isolated WD-08500-75 T -418 to 1000°F (-250 to 537°C) Response time: 225 s at 5 m/s airflow 316 SS sheath and radiation shield; miniconnector; nylon handle 0.25° dia 0.156° dia Standard straight probes, 10°L. Use to monitor such surfaces as hot plates, furnaces, and molds. Exposed junction is isolated from 316 SS shaft and aluminum housing with ceramic support. Includes a 5-ft coiled cable. WD-08517-60 J -190 to 649°C (-310 to 1200°F) Junction: exposed; isolated WD-08516-60 K -250 to 343°C (-418 to 650°F) 316 SS shaft; aluminum housing; miniconnector; nylon handle 10° WD-08510-60 T -250 to 343°C (-418 to 650°F) 316 SS shaft; aluminum housing; miniconnector; nylon handle 0.63° dia 0.188° dia WD-08469-80 J -190 to 10°C (-310 to 212°F) Junction: ungrounded Fits diameters ranging WD-08469-82 K -250 to 100°C (-418 to 212°F) Junction: ungrounded Fits diameters ranging WD-08469-84 <td>WD-08514-86</td> <td>K</td> <td>-250 to 649°C (-418 to 1200°F)</td> <td>Response time: 30 sec</td> <td></td>	WD-08514-86	K	-250 to 649°C (-418 to 1200°F)	Response time: 30 sec					
WD-08517-75 J -310 to 1000°F (-190 to 537°C) Junction: exposed; isolated WD-08516-75 K -418 to 1000°F (-250 to 537°C) Junction: exposed; isolated WD-0850-75 T -418 to 1000°F (-250 to 537°C) J16 SS sheath and radiation shield; miniconnector; nylon handle -0.25" dia Standard straight probes, 10°L. Use to monitor such surfaces as hot plates, furnaces, and molds. Exposed junction is isolated from 316 SS shaft and aluminum housing with ceramic support. Includes a 5-ft coiled cable. WD-08516-60 K -250 to 649°C (-310 to 1200°F) Junction: exposed; isolated WD-08516-60 K -250 to 649°C (-418 to 1200°F) Response time: 30 sec WD-08500-60 T -250 to 343°C (-418 to 650°F) 316 SS shaft; aluminum housing; miniconnector; nylon handle Hook-and-loop strap-on probes, 8"L. Temporarily or permanently strap onto tubing or pipes—probes are easy to install and remove. Strap is 8' long and fits diameters from 0.75 to 2.75" OD. Include 10-ft straight PVC cable. WD-08469-80 J -190 to 100°C (-310 to 212°F) Junction: ungrounded WD-08469-84 T -250 to 100°C (-418 to 212°F) Response time: 300 sec WD-08469-84 T -250 to 100°C (-418 to 212°F) Miniconnector WD-08469-84 T -250 to 1	Conorol nurnoco		-250 to 399°C (-418 to 750°F)	Auminum nousing; miniconnector	1.5"				
WD-081775 G -516 to 1000 °T (=136 to 537 °C) Buildoin exposed, isolated WD-08516-75 K -418 to 1000°F (-250 to 537°C) Response time: 225 s at 5 m/s airflow WD-08500-75 T -418 to 1000°F (-250 to 537°C) Response time: 225 s at 5 m/s airflow Standard straight probes, 10°L. Use to monitor such surfaces as hot plates, furnaces, and molds.	WD 09517 75	all/yas pro	210 to 1000°E (100 to 527°C)	lunction: exposed: isolated					
WD-08500-75 T Instruction for the formation of	WD-08516-75	ĸ	-418 to 1000°F (-250 to 537°C)	Response time: 225 s at 5 m/s airflow	8.5"				
Standard straight probes, 10°L. Use to monitor such surfaces as hot plates, furnaces, and molds. Description Description </td <td>WD-08500-75</td> <td>Т</td> <td>-418 to 1000°F (-250 to 537°C)</td> <td>316 SS sheath and radiation shield:</td> <td>2555.0</td>	WD-08500-75	Т	-418 to 1000°F (-250 to 537°C)	316 SS sheath and radiation shield:	2555.0				
Standard straight probes, 10"L. Use to monitor such surfaces as hot plates, furnaces, and molds. Exposed junction is isolated from 316 SS shaft and aluminum housing with ceramic support. Includes a 5-ft coiled cable. WD-08517-60 J -190 to 649°C (~310 to 1200°F) Junction: exposed; isolated WD-08516-60 K -250 to 649°C (~418 to 1200°F) Besponse time: 30 sec WD-08500-60 T -250 to 343°C (~418 to 650°F) 316 SS shaft; aluminum housing; miniconnector; nylon handle Hook-and-loop strap-on probes, 8"L. Temporarily or permanently strap onto tubing or pipes—probes are easy to install and remove. Strap is 8" long and fits diameters from 0.75 to 2.75" OD. Include 10-ft straight PVC cable. WD-08469-80 J -190 to 100°C (~310 to 212°F) Junction: ungrounded WD-08469-82 K -250 to 100°C (~418 to 212°F) Response time: 300 sec WD-08469-84 T -250 to 100°C (~418 to 212°F) Miniconnector WD-08469-84 T -250 to 100°C (~418 to 212°F) Miniconnector				miniconnector; nylon handle	0.25" dia 0.156" dia				
WD-08517-60 J -190 to 649°C (-310 to 1200°F) Junction: exposed; isolated WD-08516-60 K -250 to 649°C (-418 to 1200°F) Response time: 30 sec WD-08500-60 T -250 to 343°C (-418 to 650°F) 316 SS shaft; aluminum housing; miniconnector; nylon handle 0.63" dia 0.188" dia Hook-and-loop strap-on probes, 8"L. Temporarily or permanently strap onto tubing or pipes—probes are easy to install and remove. Strap is 8" long and fits diameters from 0.75 to 2.75" OD. Include 10-ft straight PVC cable. WD-08469-80 J -190 to 100°C (-310 to 212°F) Junction: ungrounded WD-08469-82 K -250 to 100°C (-418 to 212°F) Seponse time: 300 sec WD-08469-84 T -250 to 100°C (-418 to 212°F) Miniconnector WD-08469-84 T -250 to 100°C (-418 to 212°F) Miniconnector	Standard straight probes, 10°L. Use to monitor such surfaces as hot plates, furnaces, and molds. Exposed junction is isolated from 316 SS shaft and aluminum housing with ceramic support. Includes a 5-ft coiled cable								
WD-08516-60 WD-08500-60 K T -250 to 649°C (-418 to 1200°F) Response time: 30 sec 316 SS shaft; aluminum housing; miniconnector; nylon handle -2.0" -2.0" Hook-and-loop strap-on probes, 8"L Temporarily or permanently strap onto tubing or pipes—probes are easy to install and remove. -2.50" dia 0.63" dia 0.188" dia WD-08469-80 WD-08469-82 WD-08469-84 J -190 to 100°C (-310 to 212°F) -250 to 100°C (-418 to 212°F) Junction: ungrounded Response time: 300 sec Miniconnector Fits diameters ranging from 0.75 to 2.75" OD	WD-08517-60	J	-190 to 649°C (-310 to 1200°F)	Junction: exposed; isolated	10"				
WD-08500-60 T -250 to 343°C (-418 to 650°F) 316 SS shaft; aluminum housing; miniconnector; nylon handle 0.5" dia 0.63" dia 0.188" dia Hook-and-loop strap-on probes, 8"L. Temporarily or permanently strap onto tubing or pipes—probes are easy to install and remove. Strap is 8" long and fits diameters from 0.75 to 2.75" 0D. Include 10-ft straight PVC cable. Image: Comparison of the straight PVC cable. WD-08469-80 J -190 to 100°C (-310 to 212°F) Junction: ungrounded WD-08469-82 K -250 to 100°C (-418 to 212°F) Response time: 300 sec WD-08469-84 T -250 to 100°C (-418 to 212°F) Miniconnector	WD-08516-60	ĸ	-250 to 649°C (-418 to 1200°F)	Response time: 30 sec	2.0"				
Image: Market Base Base Base Base Base Base Base Base	WD-08500-60	Т	-250 to 343°C (-418 to 650°F)	316 SS shaft; aluminum housing;					
Hook-and-loop strap-on probes, 8"L. Temporarily or permanently strap onto tubing or pipes—probes are easy to install and remove. Strap is 8" long and fits diameters from 0.75 to 2.75" OD. Include 10-ft straight PVC cable. WD-08469-80 J -190 to 100°C (-310 to 212°F) Junction: ungrounded WD-08469-82 K -250 to 100°C (-418 to 212°F) Besponse time: 300 sec Fits diameters ranging from 0.75 to 2.75" OD. WD-08469-84 T -250 to 100°C (-418 to 212°F) Miniconnector Fits diameters ranging from 0.75 to 2.75" OD.				miniconnector; nylon handle	└ 0.5" dia └─ 0.63" dia └─ 0.188" dia				
WD-08469-80 J -190 to 100°C (-310 to 212°F) Junction: ungrounded WD-08469-82 K -250 to 100°C (-418 to 212°F) Junction: ungrounded Fits diameters ranging WD-08469-84 T -250 to 100°C (-418 to 212°F) Junction: ungrounded Fits diameters ranging Miniconnector Miniconnector Miniconnector Fits diameters ranging	Hook-and-loop strap-on probes, 8"L. Temporarily or permanently strap onto tubing or pipes—probes are easy to install and remove. Strap is 8" long and fits diameters from 0.75 to 2.75" OD. Include 10-ft straight PVC cable.								
WD-08469-82 K -250 to 100°C (-418 to 212°F) Response time: 300 sec Fits diameters ranging from 0.75 to 2.75" OD WD-08469-84 T -250 to 100°C (-418 to 212°F) Miniconnector Fits diameters ranging from 0.75 to 2.75" OD	WD-08469-80	J	–190 to 100°C (–310 to 212°F)	Junction: ungrounded	1" wide				
WD-08469-84 T –250 to 100°C (–418 to 212°F) Miniconnector from 0.75 to 2.75" OD	WD-08469-82	К	-250 to 100°C (-418 to 212°F)	Response time: 300 sec	Fits diameters ranging				
	WD-08469-84	Т	–250 to 100°C (–418 to 212°F)	Miniconnector	from 0.75 to 2.75" OD				

*Overall probe sheath lengths may vary up to ±0.25".