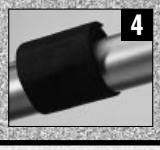
Temperature

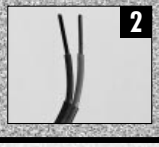


Thermistor Type

PRODUCT		FEATURES/DESCRIPTIONS	RANGE	LENGTH/SIZE	COMPATIBILITY	MODEL	CAT. NO.
General Purpose Temperature Probe	1	With its wide range, it is ideal for sensing temperature in most applications. The temperature sensor is housed inside a stainless steel tip for fast response time.	-35 to 95°C (-30 to 200°F) +/-0.2°C (0.4°F) from 0 to 70°C (32 to 158°F) +/-0.5°C (+/-0.9°F) from -35 to 0° C (-30 to 32°F)	Cable: 6 meters (20 feet) Probe: 25mm x 5mm (1" x 3/16")	SR1, SR2, SR4, SR8, SRP1, SRP2, SRP4, SRP8, OWL 200*	ET-016 OWL-ET-016	35-0001 01-0004
Low Temperature Probe	1	For applications where the center of the temperature sensing point will be approximately 0°C. The temperature sensor is housed inside a stainless steel tip for fast response time.	-60 to 55°C (-75 to 130°F) +/-0.2°C (0.4°F) from 0 to 55°C (32 to 113°F) +/-0.6°C (1.1°F) from -50 to -30°C (-58 to -22°F) +/-0.3°C (0.54°F) from -30 to 0°C (-22 to 32° F)	Cable: 6 meters (20 feet) Probe: 25mm x 5mm (1" x 3/16")	SR1, SR2, SR4, SR8, SRP1, SRP2, SRP4, SRP8, OWL 200*	ET-004-GP OWL-ET-004-GP	35-0028 01-0111
Low Temperature Penetration Probe	2	For applications where the center of the temperature sensing point will be approximately 0°C. The temperature sensor is housed inside a stainless steel probe for fast response time.	-60 to 55°C (-75 to 130°F) +/-0.2°C (0.4°F) from 0 to 70°C (32 to 158°F) +/-0.6°C (1.1°F) from -50 to 30°C (-58 to -22°F) +/-0.3°C (0.54°F) from -30 to 0°C (-22 to 32°F)	Cable: 3 meters (10 feet) Probe: 89mm (3-1/2") tapered tip with 89mm (3-1/2") long by 19mm (3/4") diameter tapered handle	SR1, SR2, SR4, SR8, SRP1, SRP2, SRP4, SRP8, OWL 200*	ET-004 OWL-ET-004	35-0000 01-0005
High Temperature Probe	1	For applications where the center of the temperature sensing point will be approximately 80°C. The temperature sensor is housed inside a stainless steel tip for fast response time.	10 to 170°C (50 to 335°F) +/-0.5°C (0.9°F) from 10 to 170°C (50 to 335°F)	Cable: 6 meters (20 feet) Probe: 25mm x 5mm (1" x 3/16")	SR1, SR2, SR4, SR8, SRP1, SRP2, SRP4, SRP8, OWL 200*	ET-081 OWL-ET-081	35-0002 01-0006
Oven Temperature Probe	1	For applications where the center of the temperature sensing point will be approximately 150°C. The temperature sensor is housed inside a tiny stainless steel tip for fast response time.	70 to 255°C (155 to 490°F) +/-1°C (1.8°F) from70 to 255°C (155 to 490°F)	Cable: 6 meters (20 feet) Probe: 25mm x 5mm (1" x 3/16")	SR1, SR2, SR4, SR8, SRP1, SRP2, SRP4, SRP8, OWL 200*	ET-086 OWL-ET-086	35-0003 01-0007
Skin Surface Temperature Probe	3	A simple external sensor used to monitor skin temperature on humans and animals. To mount the sensor, simply use medical tape to adhere the sensor on to the skin of the subject.	20 to 40°C (68 to 104°F) +/-0.2°C (0.36°F) @ 25°C (77°F) +/-0.1°C (0.18F) @ 37°C (98.6°F)	Cable: 1.5 meters (5 feet) Probe: 9.7mm x 3.6mm (1/3" x 9/64")	SR1, SR2, SR4, SR8, SRP1, SRP2, SRP4, SRP8, OWL 200*	ET-016-STP OWL-ET-016-STP	35-0020 01-0109
Pipe Surface Temperature Probe	4	Convenient and easy to install, it wraps around any pipe less than 2" in diameter. Fastens to any pipe with its Velcro® strapping system. No tools required!	-35 to 95°C (-30 to 200°F) +/-0.2°C (0.4°F) from 0 to 70°C (32 to 158°F)	Cable: 6 meters (20 feet) Probe: 25mm x 5mm (1" x 3/16")	SR1, SR2, SR4, SR8, SRP1, SRP2, SRP4, SRP8, OWL 200*	ET-016-SMP OWL-ET-016-SMP	35-0025 01-0110

Note: There are seperate model and catalog numbers for OWL sensors. Cable length is 8 meters (25 feet).

Temperature



Thermocouple Type

PRODUCT		FEATURES/DESCRIPTIONS	RANGE	LENGTH/SIZE	COMPATIBILITY	MODEL	CAT. NO.
J Type WeldedTip Thermocouple	1	Ideal for high temperature applications. Wire is 20 gauge with duplex insulated Teflon® jacket.	-50 to 600°C (-55 to 1100°F)	30 cm (12 inches)	SR5, SR6, SRP5, SRP6	TCJ-Welded	01-0102
K Type WeldedTip Thermocouple	1	Ideal for high temperature applications. Wire is 20 gauge with duplex insulated Teflon® jacket.	-100 to 900°C (-145 to 1650°F)	30 cm (12 inches)	SR5, SR6, SRP5, SRP6	TCK-Welded	01-0103
T Type Welded Tip Thermocouple	1	Ideal for high temperature applications. Wire is 20 gauge with duplex insulated PVC jacket.	-200 to 400°C (-325 to 750°F)	30 cm (12 inches)	SR5, SR6, SRP5, SRP6	TCT-Welded	01-0104
J Type Bulk Thermocouple Wire	2	Ideal for high temperature applications. Wire is 20 gauge with duplex insulated Teflon® jacket. Customer must either twist or weld the tip.	-50 to 600°C (-55 to 1100°F)	specify length in feet	SR5, SR6, SRP5, SRP6	TCJ	31-0014
K Type Bulk Thermocouple Wire	2	Ideal for high temperature applications. Wire is 20 gauge with duplex insulated Teflon® jacket. Customer must either twist or weld the tip.	-100 to 900°C (-145 to 1650°F)	specify length in feet	SR5, SR6, SRP5, SRP6	TCK	31-0015
T Type Bulk Thermocouple Wire	2	Ideal for high temperature applications. Wire is 20 gauge with duplex insulated PVC jacket. Customer must either twist or weld the tip.	-200 to 400°C (-325 to 750°F)	specify length in feet	SR5, SR6, SRP5, SRP6	TCT	31-0016
Thermocouple Tip Welding Service	1	ACR can weld any thermocouple tip. Provides the best contact, preventing contaminants from affecting sensor reliability.	na	Order thermocouple wire separately	J, K, and T type thermocouples	TC-Weld	88-9999