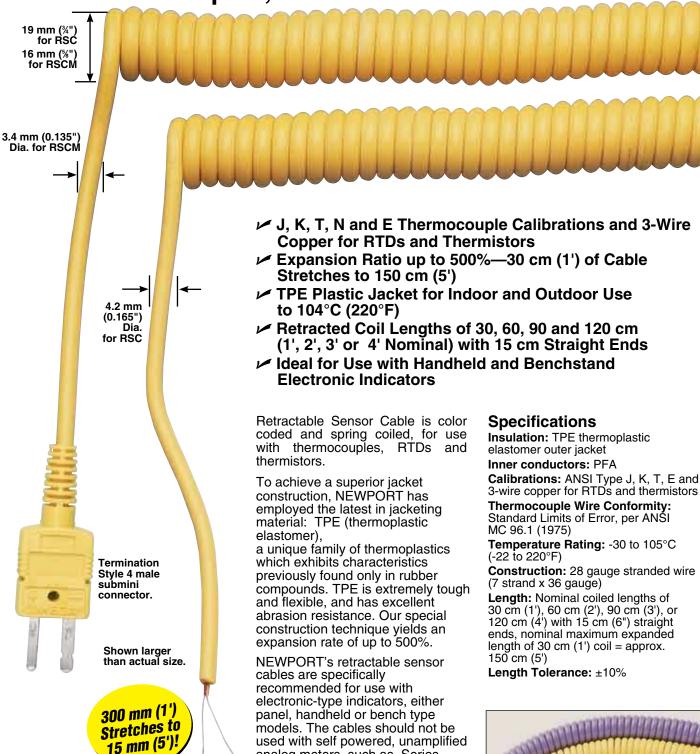
Retractable Sensor Cables

Color Coded, Spring Coiled Retractable Cables for Thermocouples, RTDs and Thermistors



analog meters, such as Series 7000 pyrometers. Retractable sensor cables have hundreds of

wherever retractable sensor cables

H-45

Termination applications: oscillating machinery,

Style 0 bare wires. handheld surface probes, or

are required.

Available in J, K, T, N and E calibrations and uncompensated for RTDs and thermistors.

ANSI

color

code

shown

Style 0 1 inch Trimmed Ends All shown smaller than actual size. Standard Style 1 **1**) Compensated Spade Lugs Style 4 SMPW-M (Male) Style 5 SMPW-F (Female) Style 2 OSTW-M (Male) Style 3

OSTW-F (Female)

OTP-F (Female)

Style 6

(RTD &

Style 7

Thermistor)

OTP-M (Male) (RTD and Thermistor) Style 8†

TA3-FL (Female)

Style 9[†] TA3-ML (Male)

Style 10

MTP-F (Female)

(RTD and Thermistor)

MTP-M (Male)

(RTD and Thérmistor)

Available Terminations

Also Available in ANSI Color Code "N"

Note: Models can be mixed and matched
1 to 10 units. Net 11 to 24 units. 10% 25 to 49 units. 15% 59 to 99 units. 20% 100 units and up. Consult Sales

Color Code of Cables

0.0.00000000000000000000000000000000000					
ANSI Code	Calibration	Jacket	+Wire	-Wire	
J	Iron/Constantan	Black	White	Red	
K	CHROMEGA®/ALOMEGA®	Yellow	Yellow	Red	
T Copper/Constantar		Blue	Blue	Red	
E	CHROMEGA®/Constantan	Purple	Purple	Red	
RTD/TH	Copper (3-Wire)	White	2 Black	Red	

Typical Resistance of Cables

Ω Per Running Foot of Cable 1' Coiled (5' Extended)			Ω Per Foot of Wire (Three Wires Per Cable)	
J	K	T	E	RTD and thermistor
16.3	27.5	14.0	33.1	0.57

How To Order

- 1. Fill the 1st box (1) with desired ANSI Calibration. Use ANSI symbols "J", "K", "T", "N", "E" for thermocouple calibration; "RTD" for resistance temperature detector; or "TH" for thermistor.
- 2. Fill in 2nd box (2) with retracted coil length in feet: 1' (30 cm), 2' (60 cm), 3' (90 cm), or 4' (120 cm).
- 3. Fill in 3rd box (3) with termination style number (one end).
- 4. Fill in 4th box (4) with termination style number (other end).

To Order Visit newportUS.com/RSC_M for Pricing and Details				
Model No.** ANSI Color Code	Input Type	OD mm (inch)		
RSC-(1)-(2)-(3)-(4)	Thermocouple	4.2 (0.165)		
RSC-RTD-(2)-(3)-(4)	RTD	4.4 (0.175)		
RSC-TH-(2)-(3)-(4)	TH	4.4 (0.175)		
RSCM*-(1)-(2)-(3)-(4)	Thermocouple	3.4 (0.135)		

- - (3) Termination Style (End #1) (4) Termination Style (End #2)
- * RSCM = Miniature Retractable Cable. † Indicate associated meter or pin out desired for connector. ** Add suffix "-IEC" for IEC color code.

Ordering Example: RSC-K-2-1-2, retractable sensor cable, Type K, 60 cm (2') long, with spade lugs on one end and a male OST connector on the other.

SI Color Code	Туре	mm (inch)	
C-(1)-(2)-(3)-(4)	Thermocouple	4.2 (0.165)	
C-RTD-(2)-(3)-(4)	RTD	4.4 (0.175)	
C-TH-(2)-(3)-(4)	TH	4.4 (0.175)	
CM*-(1)-(2)-(3)-(4)	Thermocouple	3.4 (0.135)	
	(1) Thermocouple Type: J, K, T or E (2) Retracted Length in feet: 1' = 30 cm, 2' = 60 cm, 3' = 90 cm, 4' = 120 cm nom.		