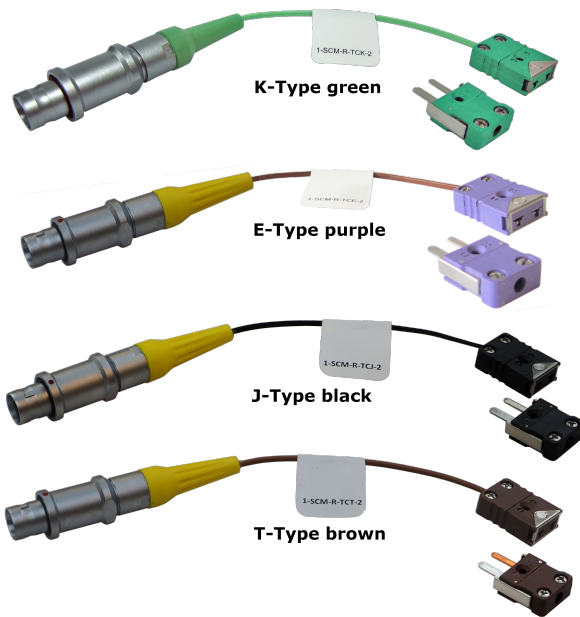


1-SCM-R-TCX-2

Thermocouple Adapters,
Type K, Type E, Type T or Type J



Special Features

- 1-SCM-R-TCK-2 conditions output for K-type thermal element
- 1-SCM-R-TCE-2 conditions output for E-type thermal element
- 1-SCM-R-TCT-2 conditions output for T-type thermal element
- 1-SCM-R-TCJ-2 conditions output for J-type thermal element
- Provides RTD for cold junction compensation
- Features TEDS for automatic adapter configuration
- Locking style thermocouple connector for vibration and shock resistance
- Only to be used with the SomatXR MX840B-R Universal Amplifier

For use with

SomatXR Rugged DAQ

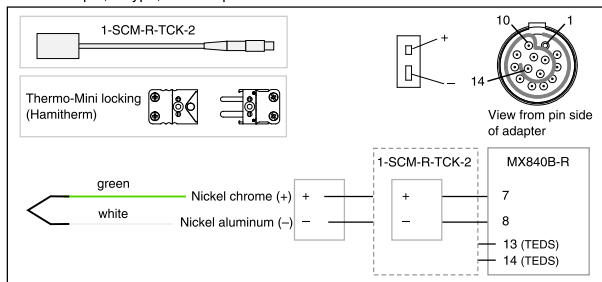
SomatXR Features

- Rugged, mobile data acquisition in a flexible, modular system
- Waterproof, dustproof, shockproof, vibrationproof
- Ultra-rugged: IP65/IP67, MIL202
- Wide thermal range: -40 to 80 °C
- Secure and efficient storage of measurement data

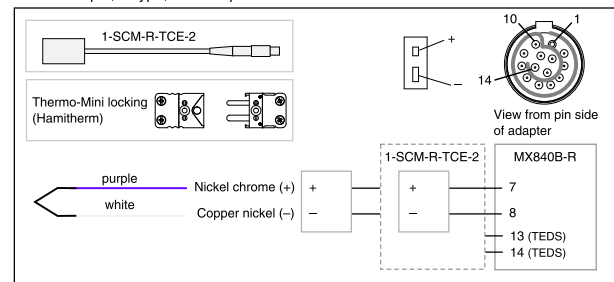


Specification	Units	Value
Input	-	-
1-SCM-R-TCK-2	-	type K thermocouple
1-SCM-R-TCE-2	-	type E thermocouple
1-SCM-R-TCT-2	-	type T thermocouple
1-SCM-R-TCJ-2	-	type J thermocouple
Linearization range	-	-
type K	°C [°F]	-100 ... +1,300 [-148 ... +2,372]
type E	°C [°F]	-200 ... +900 [-328 ... +1,652]
type T	°C [°F]	-270 ... +370 [-454 ... +700]
type J	°C [°F]	-100 ... +760 [-148 ... +1400]
Noise at 25 °C (peak to peak)	K	±1 °C
Temperature drift	K	±1 °C over temperature range -40 ... +80 [-40 ... +176]
Total error limit at 22 °C ambient temperature	K	±1.0
Nominal (rated) temperature range	°C [°F]	-40 ... +80 [-40 ... +176]
Relative humidity range	%	5 ... 100
EMC	-	CE conformity test per EN 61326-1:2012
Dimensions (length)	mm	230
Weight	g	64

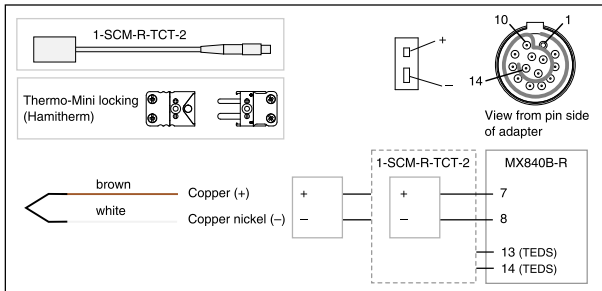
Thermocouple, K-type, with adapter



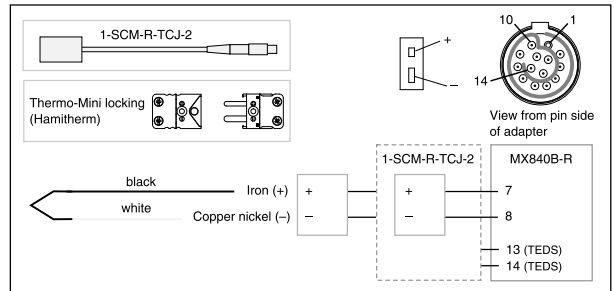
Thermocouple, E-type, with adapter



Thermocouple, T-type, with adapter



Thermocouple, J-type, with adapter



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measure and predict with confidence