

Thermocouples for Extruders/Molding and Packaging Machines

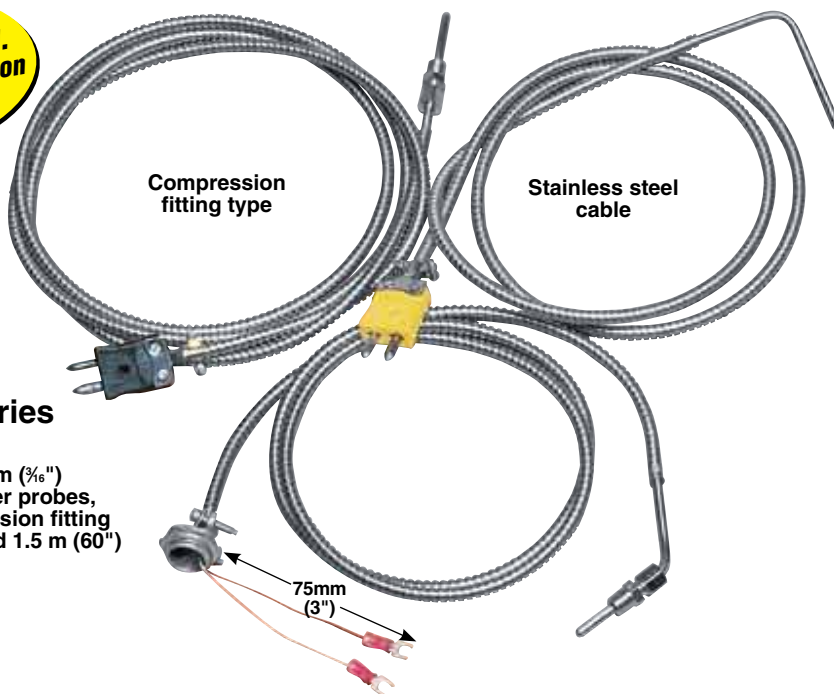
With Stainless Steel Armor Cable

OMEGA's rugged Spring-Loaded Bayonet and Compression Fitting Thermocouples are ideally suited for measuring plastic processing machinery temperatures at the crosshead, die, and barrel. With OMEGA's pipe clamp adaptor, the Bayonet type can be used to measure pipewall and bearing temperatures. The maximum length for armored cable is 12 m (40') [1.5 m (5') is standard]. Dual elements are available. The standard termination is Style 1 or Style 2. Style 3 is available upon special request. Probes with 45° bends are also available. Consult Sales Department for availability.

Grounded Junction Standard. Ungrounded Junction Also Available

CF Series

includes 4.8 mm ($\frac{3}{16}$ ") sheath diameter probes, brass compression fitting with $\frac{1}{8}$ NPT, and 1.5 m (60") lead length.



Standard Extruder Probes Compression Type

Allow 25 mm (1") for Compression Fitting

To Order							
Dimensions*	Type	Cold End Termination	Model Number ANSI Color Code	Dimensions	Type	Termination	Cold End Model Number
Straight A = 50 mm (2") B = 1.5 m* (60")	J	1	CF-000-J-2-60-1	90° Bend 44.5 (1.75) A = 50 mm (2") B = 1.5 m (60")	J	1	CF-090-J-2-60-1
	J	2	CF-000-J-2-60-2		J	2	CF-090-J-2-60-2
	K	1	CF-000-K-2-60-1		K	1	CF-090-K-2-60-1
	K	2	CF-000-K-2-60-2		K	2	CF-090-K-2-60-2
	T	1	CF-000-T-2-60-1		T	1	CF-090-T-2-60-1
	T	2	CF-000-T-2-60-2		T	2	CF-090-T-2-60-2
	E	1	CF-000-E-2-60-1		E	1	CF-090-E-2-60-1
	E	2	CF-000-E-2-60-2		E	2	CF-090-E-2-60-2
A = 100 mm (4") B = 1.5 m* (60")	J	1	CF-000-J-4-60-1	A = 100 mm (4") B = 1.5 m (60")	J	1	CF-090-J-4-60-1
	J	2	CF-000-J-4-60-2		J	2	CF-090-J-4-60-2
	K	1	CF-000-K-4-60-1		K	1	CF-090-K-4-60-1
	K	2	CF-000-K-4-60-2		K	2	CF-090-K-4-60-2
	T	1	CF-000-T-4-60-1		T	1	CF-090-T-4-60-1
	T	2	CF-000-T-4-60-2		T	2	CF-090-T-4-60-2
	E	1	CF-000-E-4-60-1		E	1	CF-090-E-4-60-1
	E	2	CF-000-E-4-60-2		E	2	CF-090-E-4-60-2

Ordering Example: CF-000-J-2-60-1 Compression fitting style, Type J thermocouple with an "A" dimension of 50 mm (2") and 1.5 m (5') of leads. The cold end termination is Style 1 (spade lugs standard).

Termination Styles:



Note: Cutout for Style 1 is 21.3 mm (0.83") diameter, wall thickness < 3.2 mm ($\frac{1}{8}$ "). Mating connectors (HSTW-K-F-FT for Style 2 and 3 may be found online).

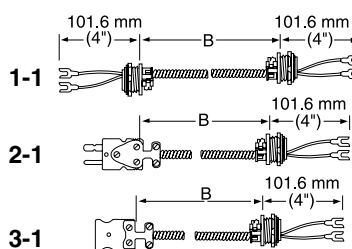
* "B" lengths over 1.5 m (60") are available; change the "60" to desired length in inches. Longer "A" lengths are available.
Cable Diameter: 7 mm (0.28").

Thermocouple Extension Cable Assemblies

To Order		
Specify Calibration	Termination Styles	
SEEX-□-48-1-1	1	1
SEEX-□-48-2-1	2	1
SEEX-□-48-3-1	3	1

Construction: 6.4 mm ($\frac{1}{4}$ ") Stainless Flexible Cable.
Standard Length: 1.2 m (48").

Ordering Example: SEEX-J-48-3-1, Type J 3-1 style thermocouple cable assembly.



To order extension cable, insert desired calibration in first space "□" provided or fraction of single element extension cable over 1.2 m (48").

Dual element extension cables available or fraction of dual element extension cable over 1.2 m (48") and change **SEEX** to **DEEX**.

For ungrounded, add suffix **"-UNGROUND"** to model number.

Note: Custom A and B configurations are available. Consult Sales Department for availability.