

Thermocouple Components

Ceramic Protecting Tubes

T/C (9N4, 9N5, 9N8)

Tube Material	Sillramic	
Tube I.D.	7/16" (11,1 mm)	11/16" (17,5 mm)
Tube O.D.	11/16" (17,5 mm)	15/16" (23,8 mm)
Head Thread	1/2" (12,7 mm)	3/4" (19 mm)
Mounting Thread	3/4" (19 mm)	1-1/4" (31,8 mm)
Part Number	30077800	30077803
12" Length		
Additional 6" Increment		
Maximum Length	48" (1219 mm)	48" (1219 mm)

Metal-Ceramic (Chromium-Alumina)		
	5/8" (15,9 mm)	
	7/8" (22,2 mm)	
	4/5" (20,3 mm)	
	None	
	30362976-Item	
Specify	Length	
-001	12" (305 mm)	
-002	18" (457 mm)	
-003	24" (610 mm)	
-004	30" (762 mm)	
-005	36" (914 mm)	

Refrax Protecting Tubes

2-1/8" (54 mm) Diameter Collar
1" (25,4 mm) I.D.
1-3/4" (44,5 mm)O.D.
30373080-Item
For 12" (305 mm) Length
Consult FW Per 6" Increment
Maximum Length 36" (914 mm)

Tube for PT. - 30% TH vs PT. - 6% RH. T/C

Material	Aluminum Oxide
Tube I.D.	1/4" (6,4 mm)
Tube O.D.	3/8" (9,5 mm)
Head Thread	1/2" (12,7 mm)
Mounting Thread	1/2" (12,7 mm)
Part Number	30692630
12" Length	Consult Ft. Washington
Additional 6" Increment	Consult Ft. Washington
Maximum Length	36" (914 mm)

Tubes for High Temperature T/C

Tube Material	Aluminum Oxide	
Tube I.D.	1/4" (6,4 mm)	
Tube O.D.	3/8" (9,5 mm)	
Mounting Thread	1/2" (12,7 mm)	
Construction of Tube	Open End	Closed End
Part Number	30692672	30692602
Maximum Length 29" (737 mm)	Consult Ft. Washington	

Thermocouple Heads

Construction			Screw Cover	
Material			Cast Iron	Aluminum
Part Number			51500767-Item	30757551-Item
Tube Thread	Conduit Thread	Item		
1/2" (12,7 mm)	1/2" (12,7 mm)	-001		
3/4" (19 mm)	1/2" (12,7 mm)	-002		
1" (25,4 mm)	1/2" (12,7 mm)	-003		
1/2" (12,7 mm)	3/4" (19 mm)	-004		
3/4" (19 mm)	3/4" (19 mm)	-005		
1" (25,4 mm)	3/4" (19 mm)	-006		

Thermocouple Heads

Construction			Screw Cover	
Material			Explosion Proof Aluminum	
Part Number			30757553-Item	
Tube Thread	Conduit Thread	Item		
1/2" (12,7 mm)	3/4" (19 mm)	-001		
3/4" (19 mm)	3/4" (19 mm)	-002		

Construction			Screw Cover	
Material			Polypropylene	
Part Number			30757555-Item	
Tube Thread	Conduit Thread	Item		
1/2" (12,7 mm)	1/2" (12,7 mm)	-001		
1/2" (12,7 mm)	3/4" (19 mm)	-002		

Terminal Blocks

Part Number	Description	
30074456-007	Block for Single T/C General Purpose Head	
30359804-003	Block for Megopak & Springloaded T/C General Purpose Head	
30757552-001	Block for Single T/C	
30757552-002	Block for Duplex T/C	
30757554-001	Block for Explosion Proof Head with Six Terminals	
30757556-001	Block for Single T/C - Polypropylene Head Only	
30757556-002	Block for Duplex T/C - Polypropylene Head Only	
Maximum wire gauge for 30074456 is #7 for element and #12 for extension wire.		
Maximum wire gauge for 30359804 is #14 for element and #12 for extension wire.		
Duplex block can be used only in screw cover head.		

Miniature Thermocouple Head and Accessories

Part Number	Description	
30682116-001	Miniature Head - Aluminum Mtl, 1/2" NPT Conduit, 1/4" Tube Thread	
30682117-001	Terminal Block for Single T/C	
30682117-002	Terminal Block for Duplex T/C	
30681512-001	Mounting Plate only for T/C O.D. 1/16" (1,6 mm)	
30681512-002	Mounting Plate only for T/C O.D. 1/8" (3,2 mm)	
30681512-003	Mounting Plate only for T/C O.D. 3/16" (4,8 mm)	
30681512-004	Mounting Plate only for T/C O.D. 1/4" (6,4 mm)	
30681513-001	Mounting Plate and Bushing for T/C O.D. 1/16" (1,6 mm)	
30681513-002	Mounting Plate and Bushing for T/C O.D. 1/8" (3,2 mm)	
30681513-003	Mounting Plate and Bushing for T/C O.D. 3/16" (4,8 mm)	
30681513-004	Mounting Plate and Bushing for T/C O.D. 1/4" (6,4 mm)	