

DYNISCO MODELS RMT & GRMT

Retractable Melt Thermocouples

Description

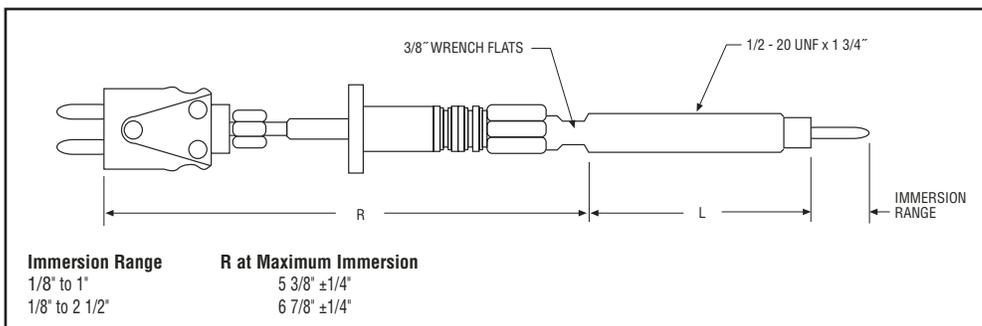
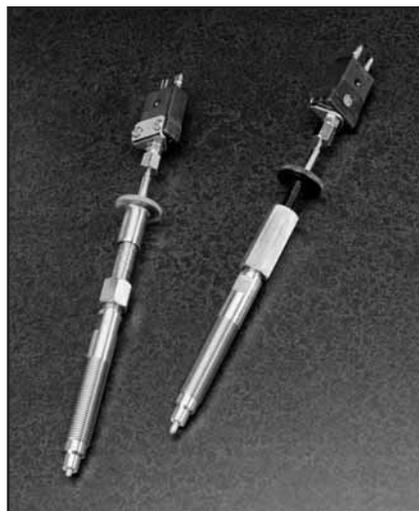
Dynisco models RMT (Retractable Melt Thermocouple) and GRMT (Graduated Retractable Melt Thermocouple) are used to measure temperature inside the melt stream. The depth of immersion of the junction into the hot melt stream can be varied from zero to mid - stream during maximum flow and pressure conditions, without removing the unit from the adapter. Temperature measurements at various depths in the melt stream during full operation are now possible with Dynisco's Retractable Melt Thermocouple.

Features

- Thermocouple junction can be centered in hot melt stream
- Exposed junction
- Retracts to flush or 1/8" length
- Thermocouple: 22 gauge "J" calibration with MgO insulation and 1/8" OD 304 SS sheath
- Retractable probe
- Stainless steel construction
- 15,000 psi pressure rating
- 900°F maximum temperature rating
- 1/2-20 UNF mounting

Benefits

- Obtains temperature profiles without stopping process
- Enables faster response
- Eliminates probe breakage at start - up
- Durable construction
- Adjust immersion depth during full operation at maximum flow rates and pressures
- Corrosion/abrasion resistant
- For common extrusion applications
- Wide range of measurements
- Directly replaces any standard melt thermocouple



Ordering Guide

Model	Immersion Depth		Sensor		Probe		Bolt		Element		Material	
	Code	Length	Code	Type	Code	Outside Diameter	Code	Length	Code	Style	Code	Style
RMT Hastelloy	42	1/8" to 1"	2	J (std)	2	1/8"	03	3"	S	Single (std)	C	
	43	1/8" to 2 1/2"	4	K	7	1/8" with 3/16" protection tube	05	5"	D	Dual		
GRMT	45	Flush to 1"					07	7"				
(1/16" grad.)	47	Flush to 2.5"	U1	2 wire RTD			XX	specify				

Ordering Examples: RMT4222 - 03 - S; GRMT4322 - 05 - S

- 3/16" protection tube is recommended for 1/8" to 2 1/2" and flush to 2.1/2" immersion range
- Replacement elements (RET/GRET) are available (please reference original RMT/GRMT model number). Please consult factory.

Delivery

Please call for specific delivery information.