



MT series melt temperature sensors have been especially developed for melt and core temperature detection in extrusion process with the ability of quick response time, perfect stability and accurate measurement.

They are widely used in chemical fiber, plastics and rubber, non-woven fabrics and petrochemical industries.

TECHNICAL FEATURES

Range	0 ~ 400°C	
Accuracy	±0.2% FSO, ±0.5% FSO	
Temperature Profile	Thermocouple	Thermal Resistance
	E / J / K	PT100
Electrical Connection	Direct cable connect 2 pin: 2 pin special connection	Direct cable connect 3 pin 2: 3 pin special connection
Probe Thread	M10x1.0, M12x1.5, M14x1.5, M18x1.5, 1/2"-20 UNF	
Probe Depth	0 - 30 mm	
Probe Shape	MT301X: Conical probe MT302X: Diamond probe	
Rigid / Flexible Stem	Rigid = 150 mm (Max < 450 mm) Flexible / Lead = 50 mm (Max < 3000 mm)	



MT301x Series
Conical probe temperature sensor

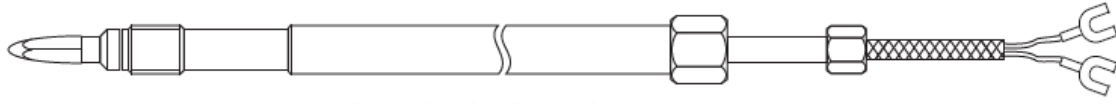


MT302x Series
Diamond probe temperature sensor

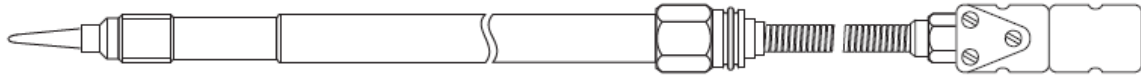
SPECIFICATION AND DRAWINGS



MT3011 series conical probe direct cable type



MT3021 series diamond probe direct cable type



MT3012 series conical probe 2PIN/3PIN connector type



MT3022 series diamond probe 2PIN/3PIN connector type



MT3013 series conical probe 3PIN connector type



MT3023 series diamond probe 3PIN connector type

ORDER CODE

Model

MT3011
MT3012
MT3013
MT3021
MT3022
MT3023

Probe Depth

Selectable between
0 - 30 mm

Flexible Stem

Selectable up to
3000 mm

MT30XX	-	1/2" - 20	-	20	-	150	/	2000	-	K
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Probe Thread

M10x1.0
M12x1.5
M14x1.5
M18x1.5
1/2"-20 UNF

Rigid Stem

Selectable up to
450 mm

Temperature

E : E thermocouple
K : K thermocouple
J : J thermocouple
PT100 : PT100

Example : MT3011 -1/2"-20 -15- 150/2000 - K

Product model MT3011, 1/2"-20UNF probe thread, conical probe depth 15mm, rigid stem length 150mm, flexible stem 2000mm, K type thermocouple