

# ML7040 Small diameter multipoint temperature sensor



## Design

Protection tube	Stainless steel closed-end tube
Stepped insertion	Re-inforced tube to suit a compression gland
Material	SS 316 - (Wst 1.4401) standard, others optional
Measuring points	Number of measuring points to specify

## Sensors

Calibration	K, T, J, E, N, U or L to specify
Insulation	Each sensor mineral insulated (MgO)
Hot junctions	Insulated
Testing	Tested with 50Vdc @ 20°C
Insulation resistance	Minimum 100 M ohm
Range	D <= 3.2mm maximum +300 °C D > 3.2mm maximum +500 °C

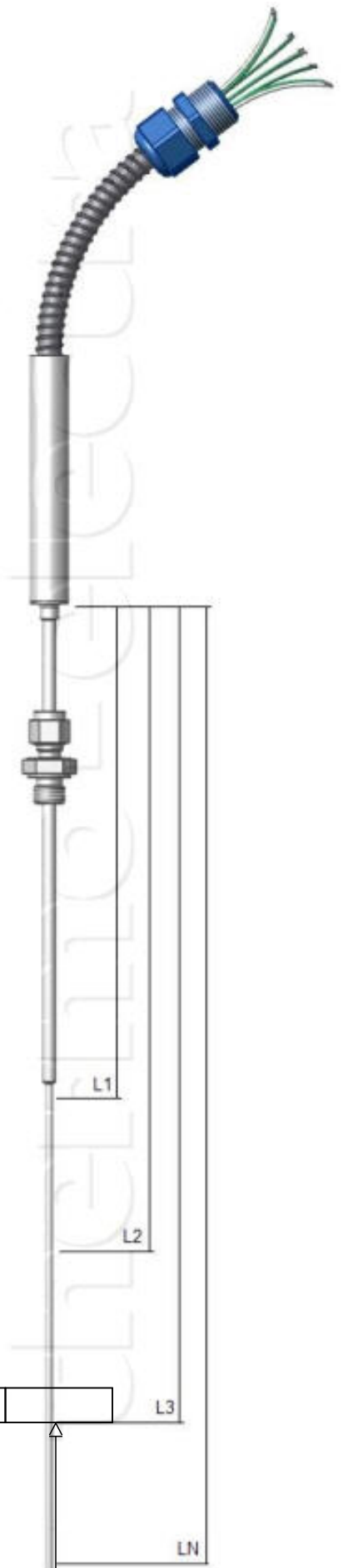
## Dimensions

Hot junctions	"L1 to Ln" to specify
Protection	Lead wires protected by a stainless steel flexible hose
Length "K"	1000 mm standard hose length. M20x1.5 gland included
Termination	Teflon insulated flexible thermocouple wires, L=100mm
Process connection	Compression gland with metal or teflon ferule (optional)

## Options

ATEX certification	Exe, Exi or Exd, to specify
Materials	SS316, SS321, SS310, Inconel 600 customer to specify

Outside diameter "D"	Sensors
1.5 mm	3
2 mm	5
3 mm, 3.2mm	6
6 mm , 6.4 mm	12



## Ordering code

Model	ML7040					L3
Number of elements / Calibration						
Reinforcement tube / sensor tube O.D. in mm						
L1 to Ln, and total length L in mm						LN
Leadwire length "K" in mm						

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