

ML7055 Flexible Multipoint Sensor



Design

Protection tube	Bendable stainless steel closed-end tube
Material	SS 316 - (Wst 1.4401) standard, others optional
Diameter	3.2mm standard
Measuring points	Number of measuring points to specify

Sensors

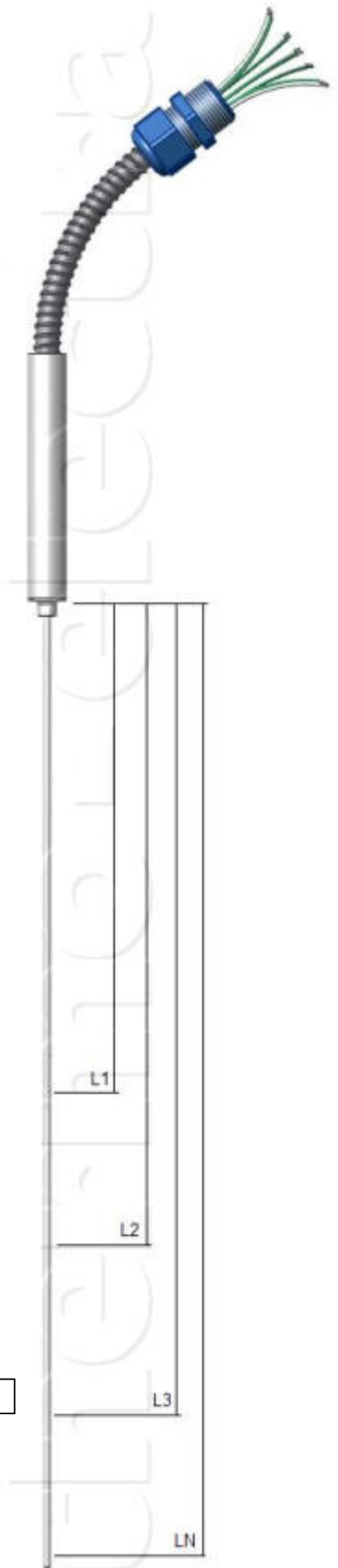
Calibration	Single type K thermocouple callibration
Each sensor	Each sensor mineral insulated
Accuracy	According IEC 584-1 / DIN 43710
Sheath	Stainless steel
Insulation	MgO
Hot junction	Insulated
Testing	Tested 100 Vdc @ 20 °C
Insulation resistance	Minimum 100 M ohm
Range	Maximum +500 °C

Dimensions

Hot junction	Length "L1 to Ln" to specify
Protection	Lead wires protected by a stainless steel flexible hose
Length "K"	1000 mm standard hose length
Gland	M20x1.5 gland included
Termination	Teflon insulated flexible thermocouple wires, L=100mm
Process connection	None, compression gland / feed through optional

Options

Tube material	Other tube material like Hasteloy, Inconel, Monel etc.
Thermocouple	Other thermocouple type
Cable	Other cable or cable length
ATEX certification	Exe, Exi or Exe, to specify
Thermocouple	Other thermocouple, or duplex thermocouple



Ordering code

Model	ML7055				
Number of elements / Calibration					
Sensor outer diameter "D" in mm					
L1 to Ln, and total length L in mm					
Leadwire length "K" in mm					

H7-1 Rev. 07/07

