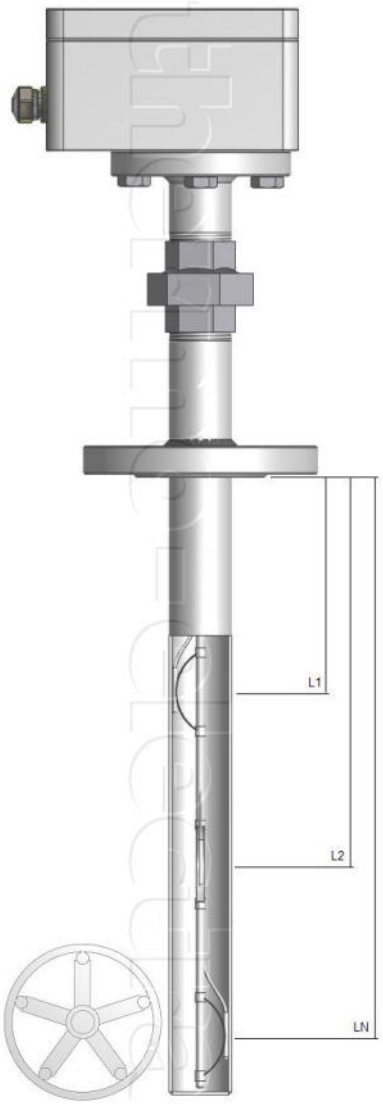
ML7038D Multipoint temperature sensor with spring contact system



Measuring system	
Measuring point	Each sensor mineral insulated
Type	Thermocouple or Pt100 sensors
Construction	Leaf spring at each measuring point
Design	
Leaf springs	Welded to a guiding tube or strip
Temperature	250°C is the upper limit of the springs, above they loose the spring function
Length L1 to Ln	Customer to specify
Replacement	In case of replacement the bundle must be changed
Thermocouple sensor	
Thermocouple type	K, T, J, E or N
Hot junction	Grounded or ungrounded
Sensor diameter	1.5, 3.0, 4.5, 4.8 or 6.0mm
Type	Mineral insulated (MI) cable
Sheath material	Customer to specify (SS316, SS321, SS10, Inconel 600 or other materals possible)
Accuracy	According IEC 60584
Pt100 sensor	
Pt100 type	Vibration proof Superior class Pt100 detectors
Style / Connection	2, 3 or 4-wire system
Accuracy	Class A or B according to IEC 60751
Thermowell	
Construction	Built-up thermowell with welded end-cap
Dimensions	Depending of process data, to specify
Process connection	Flanged: size, rating, facing and material to specify
Junction box	
Material	Polyester, Stainless steel, or coated aluminium
Cable entry	Threaded or with cable gland
Terminals	Terminals on a standardized DIN rail
Transmitters	Can be integrated, wired and programmed, any brand
ATEX or IECEx certification	Optional Exe, Exi or Exd, to specify

Ordering code

*This datasheet is purely indicative, build-up of model code may vary from this datasheet.

Model	ML7038D

thermo-electra
temperature sensor solutions

Thermo Electra B.V.
Weteringweg 10
2641KM Pijnacker
The Netherlands

Phone +31 (0)15 - 3621200
Fax +31 (0)15 - 3694082
Email sales@thermo.nl
http://www.thermo-electra.com