

# ML7038F Multipoint catalyst bed reactor temperature sensors

<b>Application</b>	Multipoint temperature sensor with fixed lengths measurement inserts. Sensors can be bend to follow the design of the reactor. This multipoint can be used for measurements in catalyst reactors or any other application where multi temperature measurement is needed.
<b>Measuring system</b>	
<b>Measuring point</b>	Each sensor mineral insulated
<b>Sensor type</b>	Thermocouple
<b>Construction</b>	Bendable sensors to be installed as a grid within a reactor
<b>Design</b>	
<b>Sensor diameter</b>	1.5, 3.0, 4.5, 4.8, 6.0, 6.35mm
<b>Type</b>	Mineral insulated ( MI) cable
<b>Sheath material</b>	Customer to specify (SS316, SS321, SS347, Inconel 600 or other materials possible)
<b>Length L1 to Ln</b>	Customer to specify, up to 100meters is possible
<b>Sensors</b>	
<b>Thermocouple</b>	Type K, T, J, E or N
<b>Hot junction</b>	Grounded or ungrounded
<b>Sealing</b>	
<b>Feedthrough</b>	Up to 22 sensors suitable for 3" nozzle entries
<b>Systems</b>	Sealing with Conax feedthroughs Sealing with standard or Swagelok compression fittings Sealing by means of vacuum nickel-gold brazing
<b>Mounting hardware</b>	
<b>Rings and Frames</b>	Optional available
<b>Materials</b>	All stainless steels and high nickel alloys possible
<b>Options</b>	Containment/pressure chamber between flange and junctionbox optionally executed with manifold and pressure indicator



## Ordering code

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

Model

ML7038F

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