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| 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 materials 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

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