

Measuring system

Measuring point	Each sensor in its own guiding tube
Type	Thermocouple or Pt100 sensors
Construction	Springloaded, interchangeable

Design

Heat transfer blocks	Thermowell welded at measuring points
Guiding tubes	Each sensor has its own 6 mm O.D. guiding tube, welded into a heat transfer block
Thermocouple	3 mm O.D. Replaceable during operation
Type	Mineral insulated (MI) cable
Sheath material	Customer to specify
Length L1 to Ln	Customer to specify

Sensors

Thermocouple	K, T, J, E or N
Hot junction	Grounded or ungrounded
Pt100	Vibration proof Superior class Pt100 detectors
Style / Connection	2, 3 or 4-wire system

Accuracy

Thermocouple	According IEC 584-2 class 1
Pt100	Class A to IEC 751 or 1/10 Din

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 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

ML7038C

H7-1 Rev. 07/07



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