MD mA-K

Temperature sensor / 4 - 20

Engine application

Approved by the major Marine classification societies, this sensor benefits by CMR's know-how concerning exhaust gas temeperature measurement on diesel and gas engines. This CMR techmocouple is fitted with an embended 4-20 mA signal convertor in its connector.

Principle

The temperature of the gas to be monitored is measured by a K thermocouple, the signal of wich is converted into a 4-20 mA current.

Applications

The sensor is designed particulary for measuring the exhaust gas temperatures on diesel and gas engines. Its 4-20 mA output allows to insert it in a current loop for reading the measured value on an indicator (consult us).

Advantages

Thanks to its 4-20 mA output, it allows direct reading of the measured value on an indicator without using an external converter.
The reliability of the sensor is proven on the whole CMR-range.

NAC 1369 - 08/08

C·M·R GROUP

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www.cmr-group.com
CONTRÔLE MESURE REGULATION - 7 Rue John Maynard Keynes -
BP 85 -13381 Marseille Cedex 13 - France -
Tel : 33 (0)4 91 11 37 00 - Fax : 33 (0)4 91 11 37 02 - Email : cmr-fr@cmr-group.com

MD mA-K

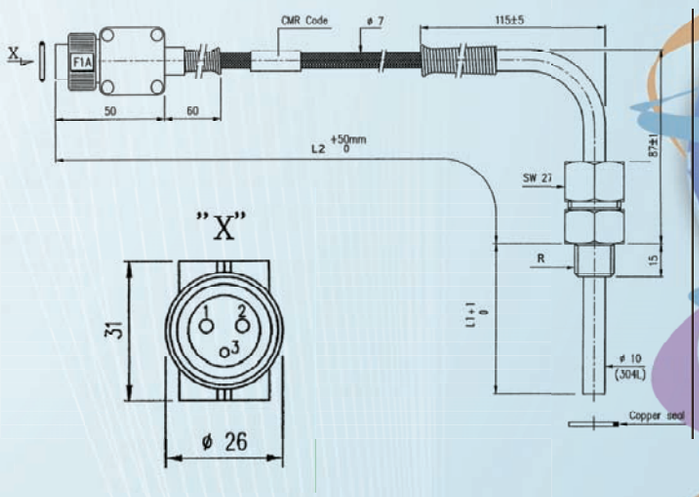
Temperature sensor / 4 - 20

CHARACTERISTICS

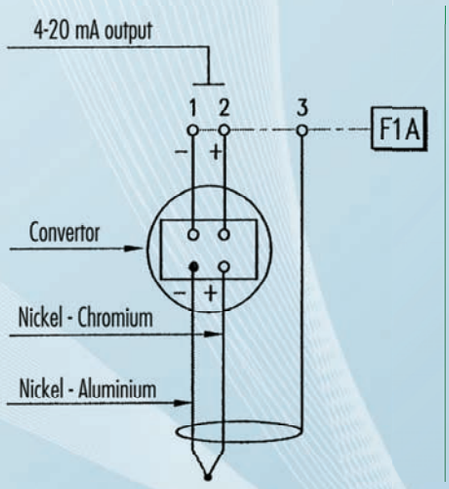
- Connector
  IP 65
  JAEGER, 3-pin, housing 1
- Output signal :
  4 - 20 mA
- Range : 0 - 750 ° C
- Sensitive element
  K type thermocouple (others on request)
- Accuracy : class B/UTE C 46-201
- Insulation
  > 100 Mohms/500 VDC
  20°C < T < 30 ° C
- Service temperatures :
  Immersed section 800°C
  Cable 220 °C
  Connector 85°C
  (including convertor)

DIAGRAMS

DIMENSIONAL DRAWING



CONNECTION



Example for placing an order :

MDMA	K	45	M18	90°C	0,6°C	F1A
	type TC	L1 (mm)	R		L2 (m)	

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