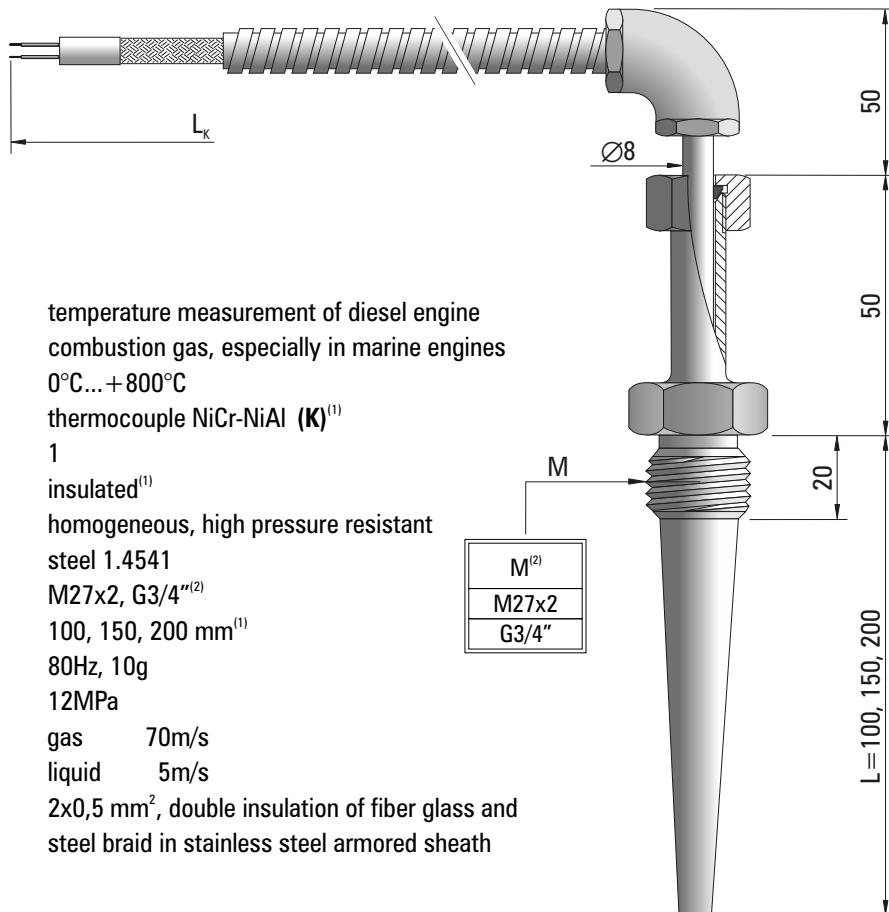


# TEMPERATURE SENSOR

## type 368



### SPECIFICATION

Application	temperature measurement of diesel engine combustion gas, especially in marine engines
Temperature range	0°C...+800°C
Measuring element	thermocouple NiCr-NiAl (K) <sup>(1)</sup>
Class of thermocouple	1
Measuring junction	insulated <sup>(1)</sup>
Sheath construction	homogeneous, high pressure resistant
Sheath material	steel 1.4541
Fitting M	M27x2, G3/4" <sup>(2)</sup>
Sensor length L	100, 150, 200 mm <sup>(1)</sup>
Admissible vibrations	80Hz, 10g
Maximum operating pressure	12MPa
Maximum speed of flow	gas 70m/s liquid 5m/s
Connecting cable	2x0,5 mm <sup>2</sup> , double insulation of fiber glass and steel braid in stainless steel armored sheath

<sup>(1)</sup> Other parameters and dimensions on demand

<sup>(2)</sup> Other threads inch and metric on demand

### ORDERING CODE



Sensor length: L = 100, 150 or 200 mm<sup>(1)</sup>

Thread M = M27x2, G3/4"<sup>(2)</sup>

Length of compensation cable L<sub>k</sub> = 1,5 ... 5 m<sup>(1)</sup>

### Example for order:

TP-368-100-M27x2-2,5 thermocouple sensor NiCr-NiAl (K) with sheath length L=100mm, thread M27x2 and cable length L<sub>k</sub> = 2,5 m.