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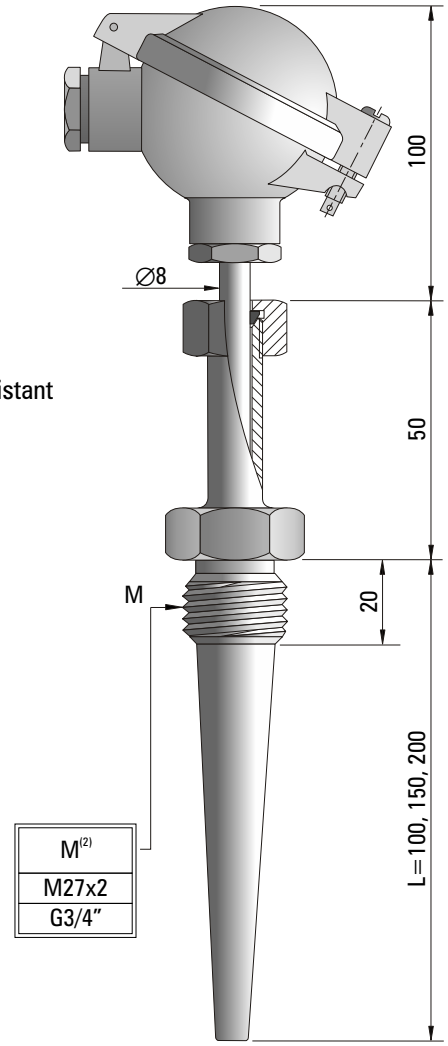
TEMPERATURE SENSOR

type 528

SPECIFICATION

Application	temperature measurement of diesel engine exhaust gas, especially in shipping engines
Temperature range	–40 °C...+800 °C
Measuring element	thermocouple NiCr-NiAl **(K)**[1]
Class of thermocouple	1
Measuring junction	insulated [1]
Sheath	drilled thermowell, high pressure resistant
Sheath material	steel 1.4541
Fitting (M)	M27x2, G3/4" [2]
Immersion length (L)	100, 150, 200 mm [1]
Admissible vibrations	80Hz, 5g
Maximum operating pressure	12MPa
Maximum speed of flow	
gas	70m/s
liquid	5m/s
Connection head type	NA, IP54, 100 °C
Additional accessories	compensation cable temperature transmitter



[1] Other parameters and dimensions according to customer requirements
[2] Other inch and metric threads on demand
[3] Connection head with protection class IP65 or acid resistant on demand

ORDERING CODE

TP	—	528	—		—		—		—	

Single (**1**) or double (**2**) measuring element
Sensor length L = **100**, **150** or **200** mm[1]
Thread size M = **M27x2**, **G3/4"**[1]
Option with the head-mount transmitter **T**

Example for order: TP-528-1-100-M27x2 sensor with single thermocouple NiCr-NiAl (K) with sheath of length L=100mm and thread M27x2.
TP-528-1-100-M27x2-T; TCH-2160-K sensor with the head-mount transmitter type TCH-2160-K.