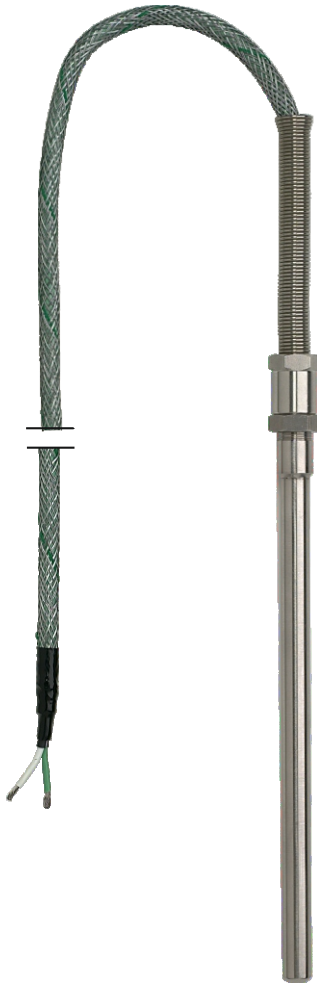




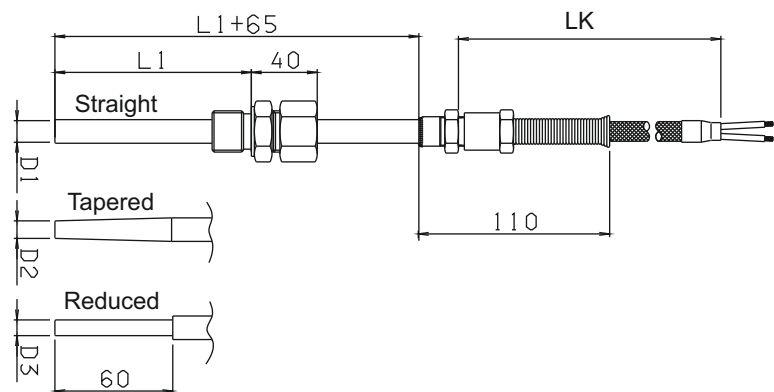
Thermocouple

TYPE DML

For diesel systems - Classified



- Straight thermocouples with compression fitting are widely used on ships in connection with diesel engines in the exhaust systems.
- The measuring inset is with insulated measuring junction.
- The protective sheath is of stainless steel, AISI 316TI. Pressure test at 25 bars.
- Connection: compression fitting of stainless steel.
- Wire: Silicone, teflon or glassflex - all types are armoured with relief spring in cable junction.
- Response time (mean values) measured at velocities in water at 0.4 m/s: $t_{0.5} = 34 \text{ sec.}$ - $t_{0.9} = 113 \text{ sec.}$
- Approvals: DNV-GL, Bureau Veritas, DNV-GL EU RO MR.



EU RO MUTUAL RECOGNITION TYPE APPROVAL CERTIFICATE - Group members are:



Ordering: See ordering form on back page



ORDERING FORM / THERMO COUPLE TYPE DML

Type DML V2.3

Imm. length/L1/mm
 Min. 50 mm -
 max. 250 mm
 Optional length

Sheath dim./d/mm
 8×1 (not classified) 1
 10×2 2
 12×3 3
 14×3 (not classified) 4

Sheath shape
 Straight 1
 Tapered 2
 Reduced 3

Mechanical connection
 Without 0
 1/2" BSP thread 1
 3/4" BSP thread 2
 M18×1.5 thread 3
 1/2" NPT thread 4

Tolerance class
 1
 2

Thermoelement - max. temp. for thermowire
 K - NiCr-Ni -40/+800°C
 J - Fe-CuNi -40/+700°C
 N - NiCrSi-NiSi -40/+800°C

Number of thermocouples
 1×TC
 2×TC

Wire type
 Silicone armoured
 Teflon armoured
 Glasflex armoured
 Mineral insulated

Length of wire/LK/mm
 Min. 2000 mm -
 max. 10.000 mm
 Optional length

Connection diagram:

Type	+	-
K	Non-magnetic Green	Magnetic White
J	Magnetic Black	Non-magnetic White
N	Non-magnetic Pink	Magnetic White

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