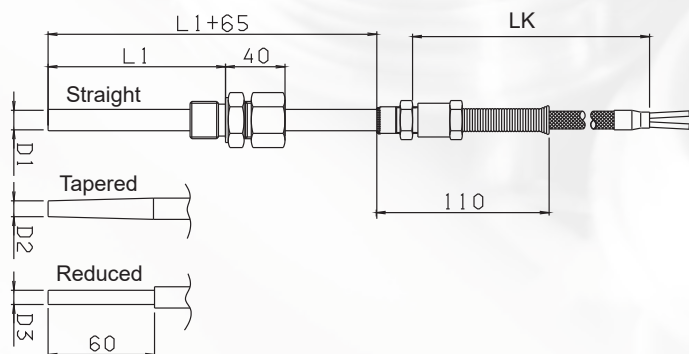
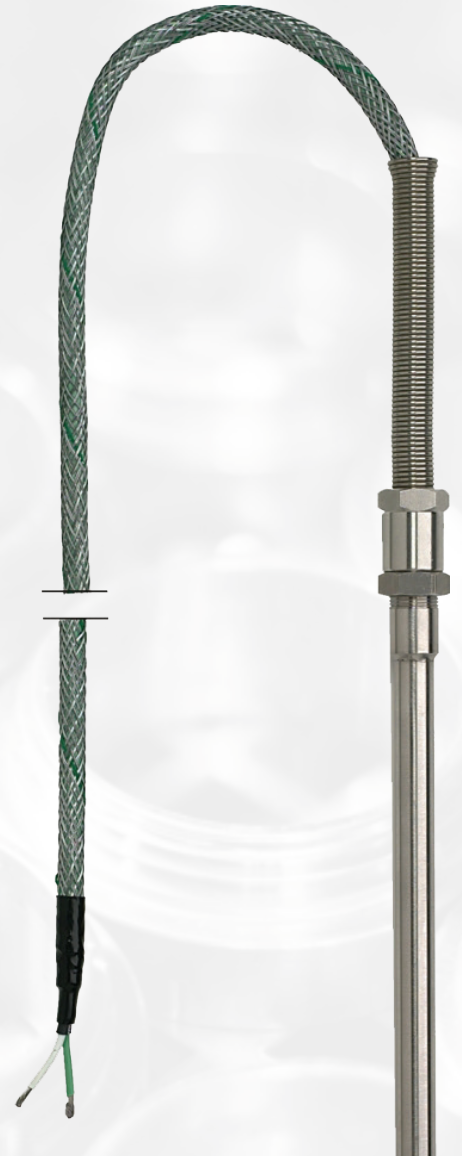


Thermocouple TYPE DML



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: $\tau_{0.5} = 34$ sec. - $\tau_{0.9} = 113$ 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 / THERMOCOUPLE *

TYPE DML

		V 2.4
Imm. length/L1/mm Min. 50 mm - Max. 250 mm Optional length <input style="width: 40px;" type="text"/>		Tolerance class 1 1 2 2
Sheath dim./d/mm Ø8x1 (not classified) 1 Ø10x2 2 Ø12x3 3 Ø14x3 (not classified) 4	1 2 3 4	Thermoelement EN 60584 - Type/work. temp./Cl. 1/2 1 ... K - NiCr-Ni -40°C/ +1,000°C/ +1,200°C 2 ... J - Fe-CuNi -40°C/ +750°C/ +750°C 6 ... N - NiCrSi-NiSi -40°C/ +1,000°C/ +1,200°C
Sheath shape Straight 1 Tapered 2 Reduced 3	1 2 3	Number of thermocouples 1 1xTC 2 2xTC
Mechanical connection Without 0 1/2" BSP thread 1 3/4" BSP thread 2 M18x1.5 thread 3 1/2" NPT thread 4	0 1 2 3 4	Wire type 1 Silicone armoured 2 Teflon armoured 3 Glasflex armoured 4 Mineral insulated
	<input style="width: 40px;" type="text"/>	Length of wire/LK/mm Min. 2,000 mm - max. 10,000 mm Optional length

Connection diagram:

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

*Some configurations are unavailable. Your Senmatic sales person will notify you if you have made an incorrect selection.