



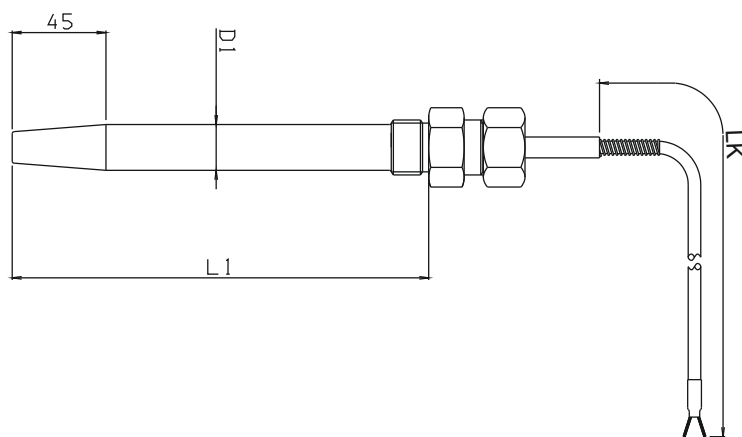
# Thermocouple

# TYPE DMK

## For diesel systems - Classified



- Threaded thermocouples are widely used on ships in connection with diesel engines in exhaust and cooling-water systems.
- The measuring inset is with removable thermoelement, mineral insulated with insulated measuring junction. Tolerance class 2, IEC 584-2. Jacket material of stainless steel.
- Protective sheath of stainless steel, AISI 316L.
- Connection: Spring load.
- Response time (mean values) measured at velocities in water at 0.4 m/s:  $\tau_{0.5} = 40 \text{ sec.}$  -  $\tau_{0.9} = 186 \text{ sec.}$
- 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 DMK

**Type DMK** V2.4

<p><b>Imm. length/L1/mm</b></p> <p>.80 mm ..... 1</p> <p>100 mm ..... 2</p> <p>150 mm ..... 3</p> <p>200 mm ..... 4</p> <p>250 mm ..... 5</p> <p><b>Sheath dim./d/mm</b></p> <p>16 ..... 1</p> <p>22 ..... 2</p> <p><b>Mechanical connection</b></p> <p>1/2" thread ..... 1</p> <p>3/4" thread ..... 2</p> <p>M18x1.5 thread ..... 3</p> <p>M33x2 ..... 4</p>		<p><b>Tolerance class</b></p> <p>..... 1</p> <p>..... 2</p> <p><b>Thermoelement - max. temp. for thermowire</b></p> <p>..... 1 ..... K - NiCr-Ni +800°C</p> <p>..... 2 ..... J - Fe-CuNi +700°C</p> <p>..... 6 ..... N - NiCrSi-NiSi +800°C</p> <p><b>Number of thermocouples</b></p> <p>..... 1×TC</p> <p>..... 2×TC</p> <p><b>Type of wire</b></p> <p>..... Silicone armoured</p> <p>..... Teflon armoured</p> <p><b>Length/LK/mm</b></p> <p>Min. 1500 mm -</p> <p>max. 10.000 mm</p> <p>Optional length</p>
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Connection diagram:

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

**Head office:**

Senmatic A/S  
 Industrivej 8, 5471 Søndersø, Denmark  
 Phone: +45 64 89 22 11  
 dk@senmatic.com - www.senmatic.com