BM158

APPROVED TYPE APPROVAL SCHEME

EAC ANALYSIS LTD

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TEMPERATURE

SENSOR

Version: BM158.1.7-22

BM158

APPLICATIONS

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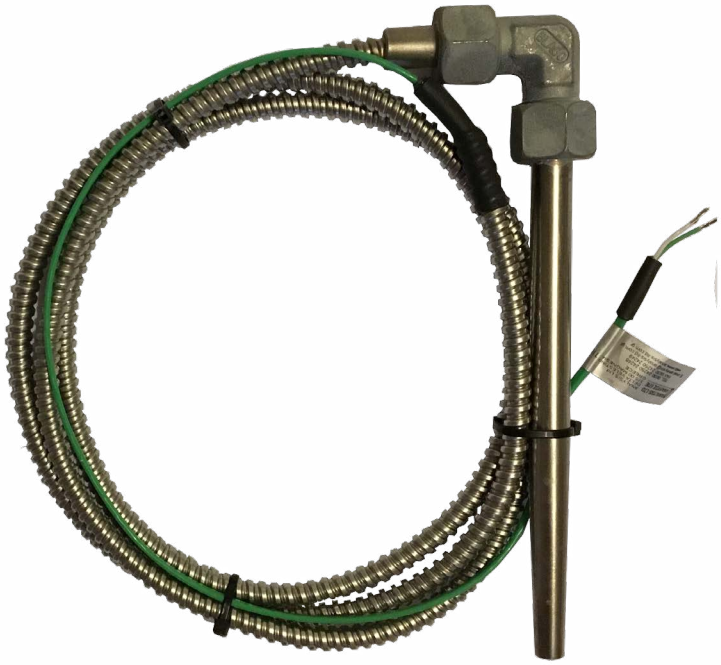
APPLICATIONS

Marine and Industrial applications
Compressors and turbines
Exhaust gas from diesel engines
Power Stations
Internal combustion engines, compressors and turbines



FEATURES

Electrical connection with cable
Heavy duty temperature sensor angular with protective flexible steel tube
Protection sheath material AISI304 or AISI316 with a wide range of diameters
Protection sheath: tube / Solid drilled or tapered solid drilled
Shock and Vibration Resistance 13.2-100Hz at 0.7g and 25-100Hz at 4.0g

THERMOCOUPLE FEATURES

Reliable and accurate measurement with thermocouple element, single or double element
Measuring temperature range 0C to 800C
Max ambient temperature 90C

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DRAWINGS

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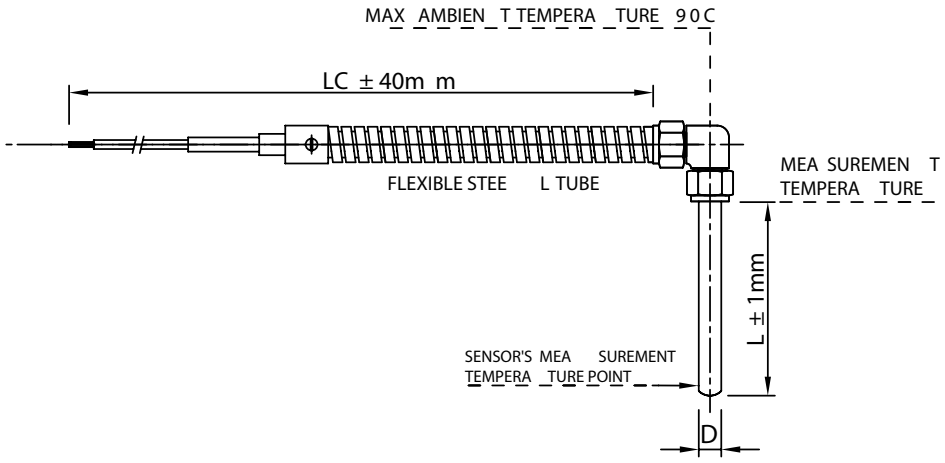
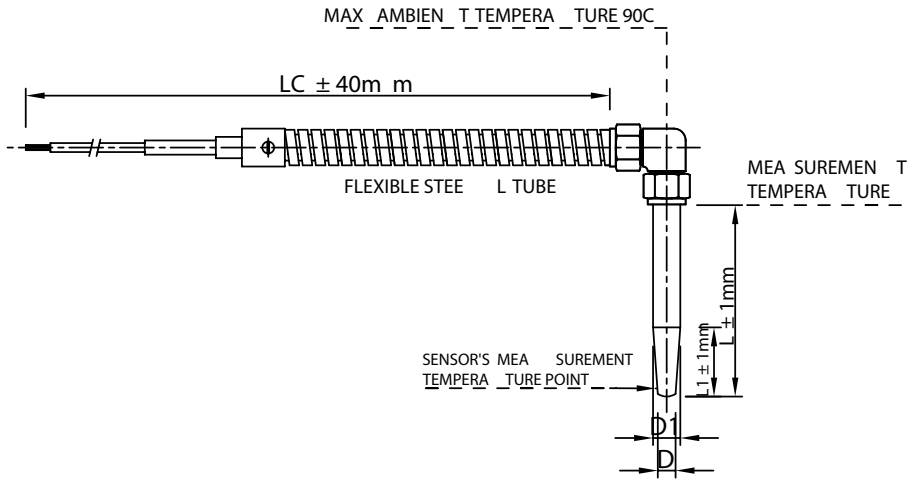
BM158-1: Angular with protective steel flexible tube



BM158-2: Angular with protective steel flexible tube. Tapered / Protection sheath solid driller



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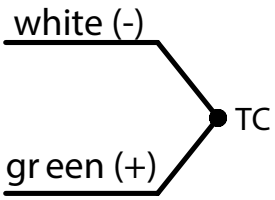
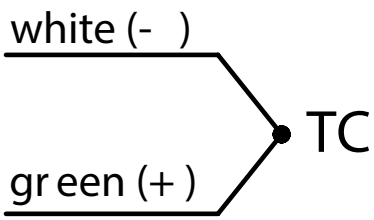
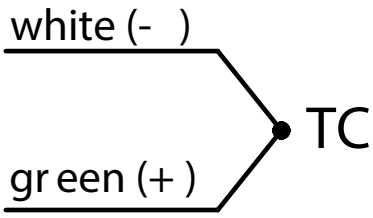
Thermocouple. Cable Color code according to EN 60584-1

1xK (1xNiCr-NiAl)



2xK (2xNiCr-NiAl)





BM158

ORDER CODE

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ORDER CODE FOR BM158							
PROTECTION SHEATH:							
TUBE: BM158-1	1						
TAPERED SOLID DRILLED (for D≥12mm): BM158-2	2						
SENSOR ELEMENT THERMOCOUPLE							
1xTYPE K (NiCr-NiAl) Class 1 EN60584-1		1K					
2xTYPE K (NiCr-NiAl) Class 1 EN60584-1		2K					
LENGTH L [mm ±1]							
From 50mm to 250mm			---				
OTHER LENGTH L[mm] ON REQUEST			XXX				
LENGTH L1 [mm ±1] FOR TAPERED:							
0 (FOR NOT TAPERED)				0			
40				40			
OTHER LENGTH L1[mm] ON REQUEST				XXX			
PROTECTION SHEATH MATERIAL							
AISI 304					4		
AISI 316					6		
DIAMETER D[mm]							
6						6	
8						8	
9.5						9.5	
10						10	
12						12	
DIAMETER D/D1[mm] FOR TAPERED							
9/12						912	
OHTER D/D1[mm] ON REQUEST						XXX	
CABLE LENGTH LC[mm ±40]							
From 500mm to 10.000mm							---
OTHER CABLE LENGTH LC[mm] ON REQUEST							XXX

ORDERING EXAMPLE: BM158-1-1K-200-0-4-9.5-5