

REF 2042 Reference resistance thermometer with traceable calibration certificate

Sheath	
Construction	Mineral insulated
Material	SS 316 - (Wst 1.4401)
Insulation	MgO
Diameter "D"	3 or 6 mm, customer to specify
Length	Customer to specify
Cable	
	Silicone insulated flexible with tinned copper braiding,200°C
Cable length	Customer to specify
Sensor	
	Single or Duplex Pt100
Accuracy	According IEC 60751 Cl. B, A or AA
Style / Connection	4-wire system
Range	-20°C to +400°C standard, -220°C to +600°C optional
Testing	Tested 500 Vdc @ 20°C
Insulation resistance	Minimum 100Mohm
Option	
Elevated range	Up to 600°C, initial accuracy can drift due to this higher temperature, recalibration on a regular basis is recommended
Calibration	
Calibration temperature points	To specify
Certification choices	
	1) Traceable to the national standard
	2) RvA or BELAC certificate
	3) VSL certificate (national standard)
Other RTD / resistance temperature detector	
	For example Pt25, Pt500



Ordering code

*This datasheet is purely indicative, build-up of model code may vary from this datasheet.

Model	REF 2042							
Sensor								
Class B, A or AA								
Diameter "D" in mm								
Length "L" in mm								
Length "K" in mm								
Temperature range 300°C or 600°C								
Calibration certificate type 1, 2 of 3								

H2-1 Rev.0 7/07