

Datasheet

Grounded Junction Brake Pad Thermocouple with 1m Fibreglass stainless steel Overbraid Cable

These thermocouple sensors are to be used to monitor the temperature of brake pads up to +400°C. They are designed to be embedded into the pads.



Specification Table	
Sensor Type	Designed for monitoring the temperature of brake pads
Thermocouple Type	K or J
Thermocouple junction	Grounded
Tolerance class	2
Probe diameter	3.2mm, 4mm or 6mm
Probe length	4.0mm
Cable type	Fibreglass insulated flat pair with stainless steel overbraid
Conductor wire size	7/0.2mm
Cable length	1 metre
Termination type	Tail wires with stripped ends
Colour code (+ Pos)	Green
Colour code (-Neg)	White
Max. Temperature	+400°C
Other	Probe sealed with ceramic paste for 400°C max temp
Standards met (colour code)	IEC 60584:3
Standards met (wire tolerance)	IEC 60584:1

Thermocouple Type	Tip Diameter	Order Code
K	6mm	XF-1457-FAR
K	4mm	XF-1458-FAR
K	3.2mm	XF-1459-FAR
J	6mm	XF-1460-FAR
J	4mm	XF-1461-FAR
J	3.2mm	XF-1462-FAR