

Exposed Junction Thermocouple Probes

A selection from our range of exposed junction probes which can be manufactured from K, J,T,R,S,N thermocouple material (Stock items are usually K, J or T).)






Applications for exposed junction probes vary hugely and the probes shown on this page are manufactured from PTFE, Glass Fibre or Silicon sleeved cable some with stainless steel over-braid.

Washer probes, which have a small tag or washer welded to the tip are considered exposed junction probes, as are wiring looms which contain a number of probes bound together to form a 'loom' for a specific application.

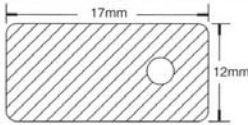
Thermocouple Attachment Pads enable small diameter exposed junction probes to be easily attached to surfaces under test.

We have a wide range of cables available please contact our Sales Office for technical advice.

All probes are manufactured to British Standards and our BS EN ISO 9001:2000 QMS

| Order Code | Description | | Type | Temp. Range* |
|--|---|--|----------------------------------|--------------|
| EK100 EJ100 ET100 | PFA/PTFE INSULATED A fast response flexible probe unaffected by most liquids. Wire diameter 0.3 mm |  | K J T | 250°C |
| EK101 EJ101 ET101 | PFA/PTFE INSULATED PROBE As above, with stainless steel overbraid giving greater mechanical protection. Wire diameter 0.3 mm (multi-strand wire only) |  | K J T | 250°C |
| EK102 EJ102 ET102 | FIBREGLASS INSULATED A high temperature probe, fairly flexible but not resistant to fluids. Wire diameter 0.2 mm |  | K J T | 350°C |
| EK103 EJ103 ET103 | FIBREGLASS INSULATED PROBE As above, with stainless steel overbraid giving greater mechanical protection. Wire diameter 0.2 mm. |  | K J T | 350°C |
| EK104 ET104 | SILICON INSULATED PROBE Fast response with excellent resistance to most liquids. Available only as multi-strand 7/0.2 mm diameter wire. |  | K T | 200°C |

NB Probes indicated are 1 metre long. For longer lengths contact our Sales Office.

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|--------------|---|--|--------------|
| TP100 | THERMOCOUPLE ATTACHMENT PADS Purpose designed self adhesive PTFE pads allowing small diameter thermocouples to be attached to surfaces. |  | 250°C |
|--------------|---|--|--------------|

For compensating and extension wire see facing page.



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