

Temperature Sensors



DP CONTROLS

DPCONTROLS SDNBHD

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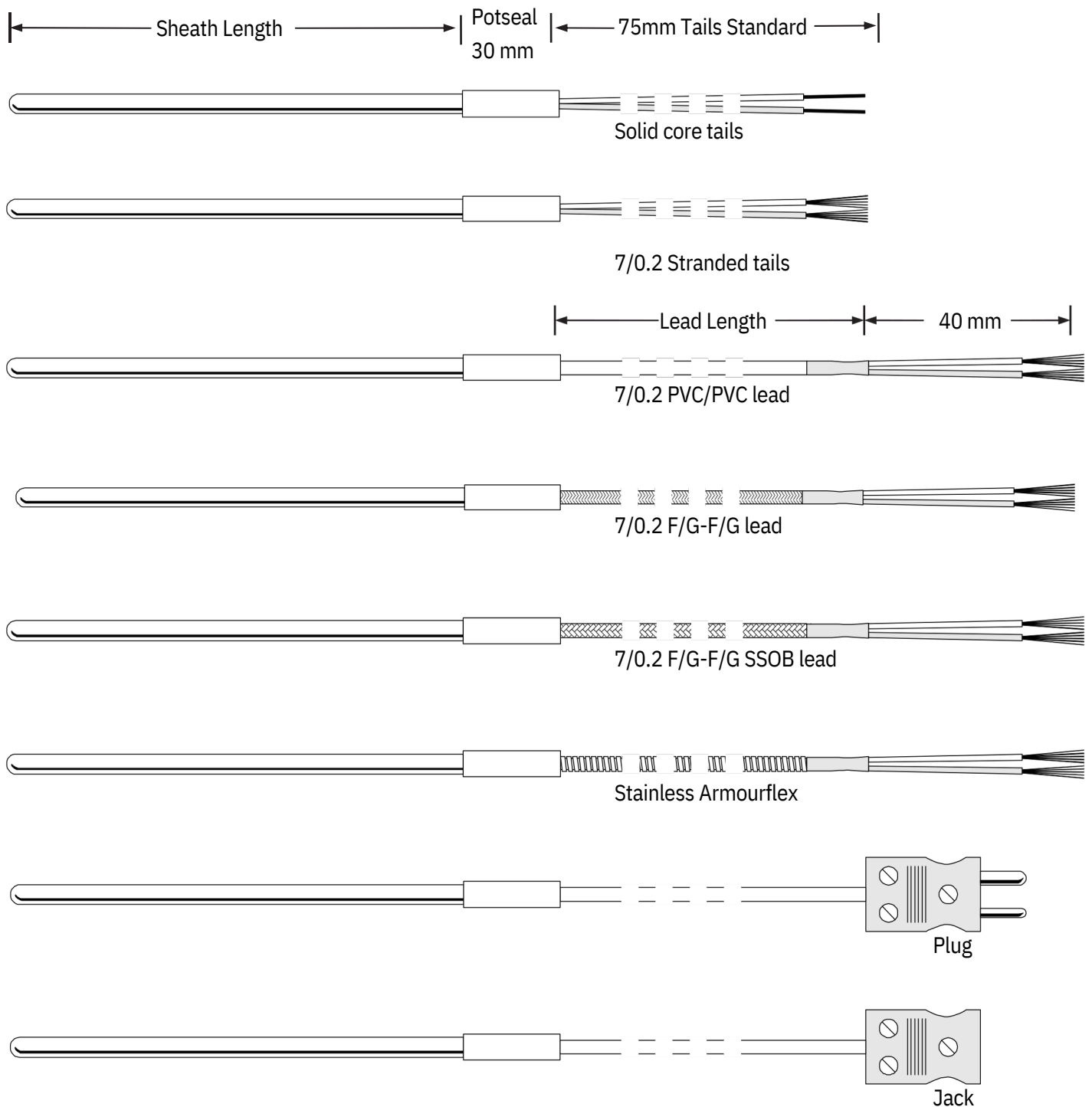


Mineral Insulated Thermocouples with Leads



General Specifications:

- K, J, T and N calibration
- Temperature range from -200 to +1250°C
- Isolated and bonded hot junctions
- Various sheath materials for different environments (Inconel 600, 310SS, Cupro-Nickel, Microbell)
- Sheath diameters from 1.0mm to 10.8mm
- Various lead insulation materials (PVC, FibreGlass, Stainless Steel Overbraid, Stainless ArmourFlex)
- Various Thermocouple transmitters are also available to suit your particular application



| Item | Code | | Specification |
|------------------|------|------|----------------------------------|
| Model | MTL- | | |
| Hot Junction | I | | Isolated Junction (Standard) |
| | B | | Bonded Junction |
| Outer Diameter | 1.0 | | Millimetres |
| | 1.5 | | Millimetres |
| | 3.0 | | Millimetres |
| | 4.5 | | Millimetres |
| | 5.5 | | Millimetres |
| | 6.0 | | Millimetres |
| | 10.8 | | Millimetres |
| Calibration | K | | Thermocouple |
| | J | | Thermocouple |
| | T | | Thermocouple |
| | N | | Thermocouple |
| | 2K | | Duplex Thermocouple |
| | 2J | | Duplex Thermocouple |
| | 2T | | Duplex Thermocouple |
| | 2N | | Duplex Thermocouple |
| Sheath Material | 600- | | Inconel (K, N) *1 |
| | 310- | | Stainless Steel (K, J) |
| | CNT- | | Cupro Nickel (T) |
| | NCB- | | Nicrobell (N, K) *2 |
| | X- | | Other |
| Sheath Length | | □□□□ | Millimetres |
| Potseal Epoxy | | EL | Max Temp. 1200C |
| | | FH | Max Temp. 3000C |
| Tails/Lead | | A | Solid Core Tails |
| | | B | 7/0.2 PVC Insulated Tails |
| | | C | 7/0.2 Fibreglass Insulated Tails |
| | | D | 70.2 PVC/PVC Lead |
| | | E | 7/0.2 F/G-F/G-Lead |
| | | F | 7/0.2 F/G- F/G- SSOB Lead *3 |
| | | G | Stainless Armourflex |
| | | X | Other |
| Tail/Lead Length | | □□□□ | Millimetres |
| Connector | | X- | None |
| | | MP- | Mini Plug (245°C) |
| | | MJ- | Mini Jack (245°C) |
| | | P- | Standard Plug (245°C) |
| | | J- | Standard Jack (245°C) |
| | | XP- | Ext.Lim.T emp. Plug (350°C) *4 |
| | | XJ- | Ext.Lim.T emp. Jack (350°C) *4 |
| Accessories | | N | None |
| | | S | Stainless Compression Fitting |
| | | B | Brass Compression Fitting |
| | | F | Sliding Flanges |
| | | X | Others |

*1 Inconel is a registered trade name of Henry Wiggin & Co Ltd.

*2 Nicrobell is a trademark of Nicrobell Pty Ltd.

*3 Stainless Steel OverBraid - SSOB.

*4 Standard size Plugs and Jacks only.

Note: The above covers the more common Thermocouple probes. We can supply probes to your particular specification.