Screened Extension Cable – Type PRT

LABFACILITY TEMPERATURE TECHNOLOGY
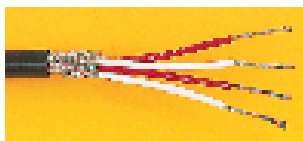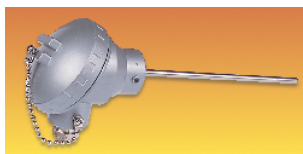
- Suitable for joining 2, 3 or 4-wire PT100 and other PRT sensors to instrumentation
- Colour coded to industry standard IEC751 (red, red, white, white)
- For use up to 80°C

Flexible 4-wire extension cable comprising 4 PVC-insulated copper conductors size 7/0.2mm, with electrical screen and overall PVC sheath. Nominal O/D = 4mm.

SEN282

	Mftrs. List No.	Order Code	1+	Price Each 5+	10+
PRT cable, 10m coil	WC006/10M	.721-8734			
PRT cable, 25m coil	WC006/25M	.721-8746			

Industrial Probes with Terminal Head

LABFACILITY TEMPERATURE TECHNOLOGY

CALIBRATION SERVICES

- Strong 6m diameter stainless steel stem
- Waterproof aluminium terminal head ● **IP67** protection
- Suitable for connection to any PT100 instrument – 2, 3 or 4 wire

The head of the probe contains a terminal block allowing connection to the measuring instrument via a M20 gland.

Sensor	PT100, 4 wire to **BS1904 (1984) Class B** and **DIN 43760**. 100Ω @ 0°C
Terminal head	Die cast aluminium, epoxy coated. Screwed lid with retaining chain **IP67** rated
Temperature range	-50°C to +450°C

Mftrs. List No's. PT4 6 150-KNE = 560-157, PT4 6 300-KNE = 560-169, PT4 6 400-KNE = 708-8449

FOR SUITABLE COMPRESSION GLAND SEE **ORDER CODE 254-654**

SEN157

Probe Length	Order Code	1+	Price Each 5+	10+
150mm	**560-157**			
300mm	**560-169**			
400mm	**.708-8449**			

Industrial Process Probes

LABFACILITY TEMPERATURE TECHNOLOGY

Probes: Dia. = 6, L = 100, 150, 200   Lagging extension:
Mounting: ½" BSPP male thread   Dia. = 12.7, L = 75

CALIBRATION SERVICES

- Accurate rugged construction
- Pt100 sensor to **IEC751 Class B** ● Suitable for many industrial applications
- Terminal head can accommodate DIN form transmitter or DIN terminal block
- Wide temperature range: -100°C to +450°C
- For use with 4, 3 or 2 wire instruments
- All stainless steel below aluminium head ● **IP67** rated
- DIN terminal block is made of high temperature white plastic and has 4 terminals

This industrial Pt100 assembly is mounted into the process via ½" BSPP male thread below which the probe length is measured. Above the thread hexagon is a stainless steel lagging extension. The sensor has a fitted aluminium terminal head with a captive threaded cover.

FOR SUITABLE Pt100 4 – 20MA TRANSMITTER, SEE **ORDER CODE 615-675**

SEN357

Probe Length	Mftrs. List No.	Order Code	1+	Price Each 5+	10+
100mm	010007TD	**725-5421**			
150mm	010008TD	**725-5433**			
200mm	010009TD	**725-5445**			
Terminal Block	HT-054	**725-5457**			

External/Cold Store PT100 Probe

LABFACILITY TEMPERATURE TECHNOLOGY

- Rugged wall-mounting stainless steel probe with weatherproof connection box
- Recommended for outdoor use, cold stores and other 'heavy-duty' applications
- PT100 sensor suitable for connection to 2, 3 or 4 wire PT100 instrument
- Perforated outer stainless steel sheath acts as radiated heat shield and mechanical protection

Sensor	PT100 4-wire to **BS1904 (1984), Class B**
Temperature range	-50°C to +150°C IP rating IP67

Case H = 80, W = 74, D = 54; Probe L = 75, Dia = 12.5

SEN284

	Mftrs. List No.	Order Code	1+	Price Each 5+	10+
	RTP-PT100	**.721-8760**			

Clean Room Pt100 Assembly

LABFACILITY TEMPERATURE TECHNOLOGY

- Wall mounting Pt100 sensor, mounts on standard electrical conduit
- Pt100 to **IEC 751 Class B**
- Suitable for use with any 2, 3 or 4 wire instrument
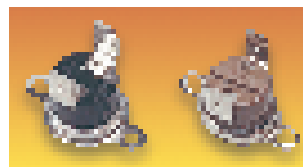- Flame retardant vented moulded case

H = 85, W = 85, D = 30

SEN351

	Mftrs. List No.	Order Code	1+	Price Each 5+	10+
	010014TD	**725-5720**			

Thermal Switches

Bi-Metallic, Auto Reset

Best value

Style A	Style B
H = 21 (overall), W = 31, D = 19	H = 16 (overall), W = 30, D = 17
Fixing centres = 24 (holes M3)	Fixing centres = 24 (hole dia 3.7)

- Automatically re-setting thermal switches with snap action bi-metallic SPST contacts
- Contacts are isolated from the mounting base
- Reset level is specified to within a close tolerance band
- All types are **UL** and **VDE** approved. Style A types also **CSA** approved
- Indication of switch temperature is given on base of switch

Normally closed (opening on temperature rise) and normally open (closing on temperature rise) types are available. All the switches reset when the temperature falls to the reset level. Connection is by ¼" (6.3 0.8mm) terminals.

Contact rating (all types)	10A 250V ac, 15A 125V ac (100,000 cycles)
Body material	Phenolic (style A), thermoplastic (Style B)
Base material	Aluminium
Mounting flange material	Stainless steel (style A), aluminium (style B)

Normally Closed Types

Opening Temp.	Reclosing Temp.	Style	Order Code
15°C ± 3°C	5°C ± 4°C	A	732-400
20°C ± 3°C	10°C ± 3°C	A	732-412
30°C ± 3°C	20°C ± 3°C	A	606-686
40°C ± 3°C	25°C ± 4°C	A	491-445
50°C ± 3°C	35°C ± 4°C	B	491-457
70°C ± 3°C	55°C ± 3°C	B	491-469
90°C ± 3°C	70°C ± 3°C	B	491-470
100°C ± 3°C	85°C ± 3°C	B	491-482
112°C ± 3.4°C	97°C ± 3°C	B	491-494
125°C ± 3.8°C	110°C ± 3.3°C	B	491-500
150°C ± 4.5°C	135°C ± 4°C	B	491-512

Normally Open Types

Closing Temp.	Reopening Temp.	Style	Order Code
30°C ± 4°C	20°C ± 5°C	A	732-424
40°C ± 3°C	25°C ± 4°C	A	491-524
50°C ± 3°C	35°C ± 5°C	B	491-536
60°C ± 3°C	45°C ± 3°C	B	491-548
70°C ± 3°C	55°C ± 3°C	B	491-550
90°C ± 3°C	70°C ± 3°C	B	491-561

SEN122X

Type	Order Code	1+	50+	Price Each 100+	250+	1000+
Normally Closed Types						
15°C N/C	**732-400**					
20°C N/C	**732-412**					
30°C N/C	**606-686**					
40°C N/C	**491-445**					
50°C N/C	**491-457**					
70°C N/C	**491-469**					
90°C N/C	**491-470**					
100°C N/C	**491-482**					
112°C N/C	**491-494**					
125°C N/C	**491-500**					
150°C N/C	**491-512**					
Normally Open Types						
30°C N/O	**732-424**					
40°C N/O	**491-524**					
50°C N/O	**491-536**					
60°C N/O	**491-548**					
70°C N/O	**491-550**					
90°C N/O	**491-561**					

Sensors & Transducers

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