Baumer

T11

Thermocouple Insert With Spring Loaded
Bayonet fitting (Straight / 90° angular)

Special Features

- Spring loaded design
- Available in various sheath diameters and sheath materials
- Bayonet fitting size is available as per customer's requirements
- Straight or Angular Mounting
- Reference standard : IEC - 584.2 / ANSI MC - 96.1

Application

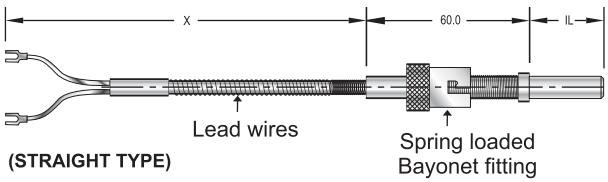
- Injection moulding machine in plastic industry

Specifications

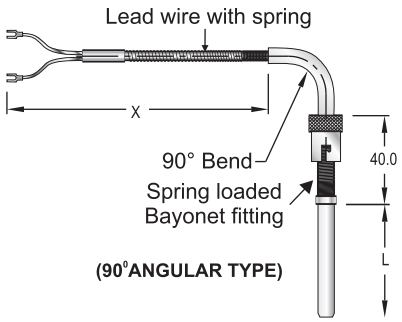
Standard Version

No of Elements	:	Simplex
Element Type	:	Iron - Constantan (J type)
Accuracy	:	Class 2 as per
	:	IEC - 584.2 / ANSI MC - 96.1
Hot Junction Type	:	Grounded Junction
Sheath Diameter	:	4.5 mm
Sheath Material	:	SS 316
Immersion Length"IL"mm	:	30 mm
Lead Wire Length"X"mm	:	3000 mm
Lead Wire Type	:	PTFE / PTFE / SS braided lead wires
Process Connection	:	Spring loaded bayonet Connector, I.D.=12.0 mm
Bayonet Connector	:	Double Slot
Mounting	:	Straight or Angular
Tag Plate	:	SS tag plate

Dimensional Details



(STRAIGHT TYPE)



(90°ANGULAR TYPE)

Notes : • Drawings are not to scale. • All Dimensions are in mm.

How To Order

How To Order	Example
Basic model	
Optional Extras	T11
(Select if you required options other than standard product details)	
No of Elements	
1 Simplex (Std.) **2** Duplex (Above sheath dia. 3 mm)	X
Element Type	
K Chromel-Alumel **J** Iron Constant	X
Accuracy	
1 Class 1 as per IEC - 584.2 / ANSI MC - 96.1 **2** Class 2 as per IEC - 584.2 / ANSI MC - 96.1	X
Hot Junction Type	
G Grounded Junction **UG** Un-Grounded Junction	X
Sheath Diameter	
3 3.0 mm **6** 6.0 mm **4.5** 4.5 mm **8** 8.0 mm	X
Sheath Material	
1 SS 316	X
Immersion Length (IL)	
IL - Specify in mm.	30 mm
Lead Wire Length	
X - Specify in mm.	3000 mm
Lead Wire Type	
1 PTFE insulated lead wires **2** PTFE / PTFE insulated lead wires **3** PTFE / PTFE / SS wires **4** Fibre Glass insulated lead wires **5** Fibre Glass / Fibre Glass insulated lead wires **6** Fibre Glass / Fibre Glass / SS braided lead wires Other please specify	X
Other Options	
B1 Spring loaded bayonet connector with single slot **PW** Calibration certificate **SX** SS tag plate **LR** 90°angular type mounting	XX

Note :
1. When selecting option "PW", please also specify temp. points at which calibration is to be carried out .

Ordering Example : T11 . X . X . X . X . X . X . 30mm . 3000mm . X . XX

Note : Specifications and dimensions given in this product catalogue represents the state of engineering at the time of printing . Modifications may take place and materials specified may be replaced by others without prior notice.

Design and specifications subject to change without notice
12-05-25