



**SERIES : TS-400**

**FITZER** Wide range of resistance thermometer (RTD), Thermocouple & Mineral Insulated Probes are economical, rugged & reliable temperature sensing measuring instruments, these are widely used in furnaces, vessels, plastic industries, Pulp & Paper Industries, Machine & Apparatus construction, Food & Beverage Industries, Chemical & Petrochemical Industries.

### SPECIFICATIONS :

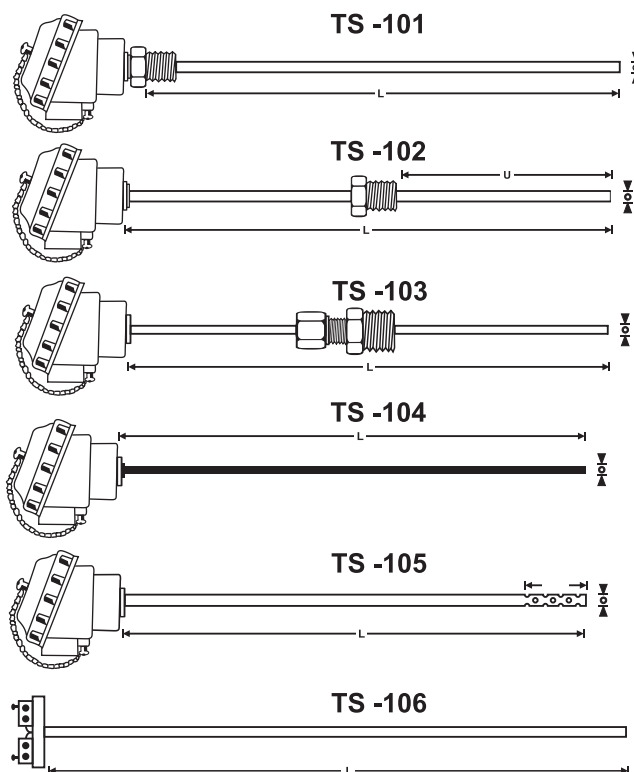
|                             |                                                                            |
|-----------------------------|----------------------------------------------------------------------------|
| Encloser Protection Element | Die cast aluminium, weatherproof IP 65 IP , Flameproof Grade IIA, IIB, IIC |
| Cold End                    | 1 pt 100 - Single / 2 pt 100 - duplex                                      |
| Stem Material               | Terminated into ceramic terminal block                                     |
| Stem Dia                    | SS 316                                                                     |
| Standard Stem Length        | 6 & 8 mm                                                                   |
| Configuration               | 300 mm                                                                     |
| Connection                  | 2/3/4 wire                                                                 |
|                             | 1/2" NPT / BSP (M) adjustable gland or union nipple                        |
| Calibration Range           | As per IEC 751 ( Class A or B )                                            |
|                             | -200 to 400° C                                                             |

### THERMOCOUPLE (Non M.I. & M.I.)

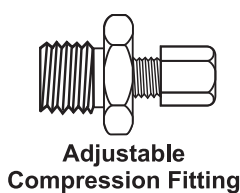
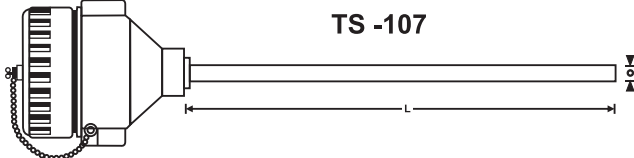
### SPECIFICATIONS :

|                             |                                                                            |
|-----------------------------|----------------------------------------------------------------------------|
| Encloser Protection Element | Die cast aluminium, weatherproof IP 65 IP , Flameproof Grade IIA, IIB, IIC |
| Stem Material               | IT, J, K, N, E, R, S Simplex or Duplex                                     |
| Stem Dia                    | (2 wire or 3 wire)                                                         |
| Standard Stem Length        | SS 316                                                                     |
| Junction                    | 6 & 8 mm                                                                   |
| Connection                  | 300 mm                                                                     |
|                             | Grounded                                                                   |
| Calibration Range           | 1/2" NPT / BSP (M) adjustable gland or union nipple                        |
| Cold End                    | As per IEC 584 ( Class I or II )                                           |
|                             | Terminated into ceramic terminal block                                     |

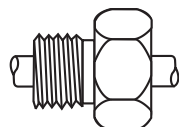
### Weatherproof Head Thermocouple & RTD Sensors



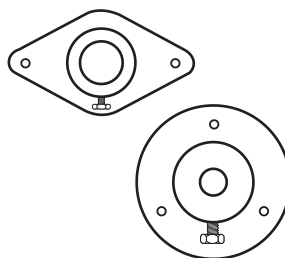
### Thermocouple with Flameproof Head



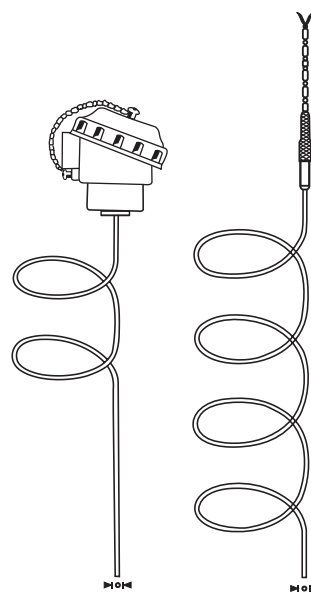
Adjustable Compression Fitting



Fix Male Fitting



Adjustable Flange



TS - 108

TS - 109

Mineral Insulated (IM) Fitting