

Resistance Thermometer for Welding In

Form 4 acc. to DIN 43772-2



Description

Form 4-Resistance thermometers are used preferably for measuring temperatures in processes with liquid- and gas medias under high pressure.

The standard head is type B according to DIN 43763. On request other types as type BUZ (for build in of head transmitters), type BBK plastic connection head) or BUSH (for build in of intrinsically safe head transmitters) can be used.

The listed thermowells can be used for pressures up to 400 bar, depending on the process conditions.

The standard sensor is a PT 100/2-wire, class B -type according to DIN IEC 751. On request a 3- or 4-wire or a double element with with 2- or 3-wire connection can be used.

Features

- RTD's for very high pressures
- Interchangeable insert acc. to DIN
- Standard versions ex stock
- Special versions on request

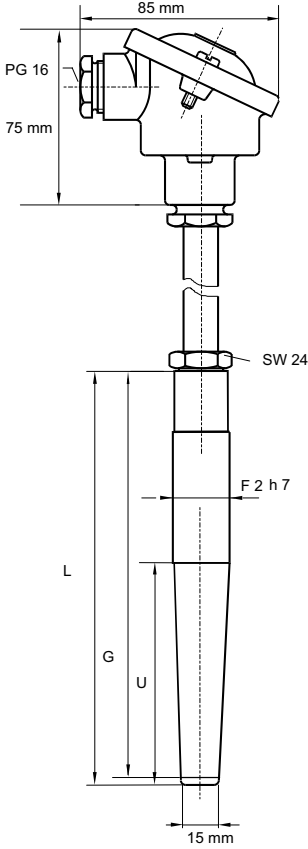
Measuring Range

Between -60 ... 500 °C

Applications

Air conditioning
Tank and Pipe Construction
Chemical Industry
Mechanical Engineering and Machinery

Technical Data: Resistance Thermometer for welding in

Series	TE411, TE412, TE413, TE414, TE415						Options
Design							
Description	Form 4 acc. to DIN 43772-2						
Thermowell Size (mm)	L	U	G	F ₂	Inner-Ø	Insert-Ø	with tapered tip or flange version
	110	65	103	26	9	6	
	140	65	133	26	9	6	
	170	125	163	26	9	6	
	200	65	193	26	9	6	
	200	125	193	26	9	6	
	260	125	253	26	9	6	
	410	275	403	26	9	6	
Material	1.4571						1.4541
Extension tube	145 mm						1.7335
Connection head	Form B acc to DIN 43729 water proof IP 54 acc to DIN 40050 immersion tube connection M 24 x 1.5 Although available: plain stem 15.5 mm or with screw G ½ A						Form BUZ Form BUS Form BUZH Form BUSH
Sensor	C411 C412 C413 C414 C415	1x PT 100/2-wire Standard 1x PT 100/3-wire 1x PT 100/4-wire 2x PT 100/2-wire 2x PT 100/3-wire acc. to DIN 751, Class B					Optional: Class A