RESISTANCE THERMOMETER

Resistance Thermometer for Screwing In

Form 2G acc. to DIN 43772-2

RTS112 RTS113 RTS114
RTS122 RTS123

Description

Form 2G-Resistance thermometers are used as universal thermometers preferably in processes w ith liquid- and gas media under low pressure.

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

The listed thermowells can be used for pressures up to 36 bar, depending on the process conditions. Different materials or overlays are available for mechanical or chemical protection. Beneat h the extension tube is a fixed screw G1/2 A, G3/4A or G 1 A for connecting the thermometer to the process. Other connectings are available.

A standard sensor PT 100/2-wire, class B-type according to DIN IEC 751 is build in. On request 3- or 4-wire or double elements w ith 2- or 3-w ire connection can be used.

Features

- O Universal thermometer for low pressure
- O Interchangeable insert acc. to DIN
- O Standard versions ex stock
- O Special versions on request

Measuring range

between -200 ... 600 °C

Applications

Air Conditioning

Tank and pipe construction

Chemical Industry

Mechanical Engineering and Machinery

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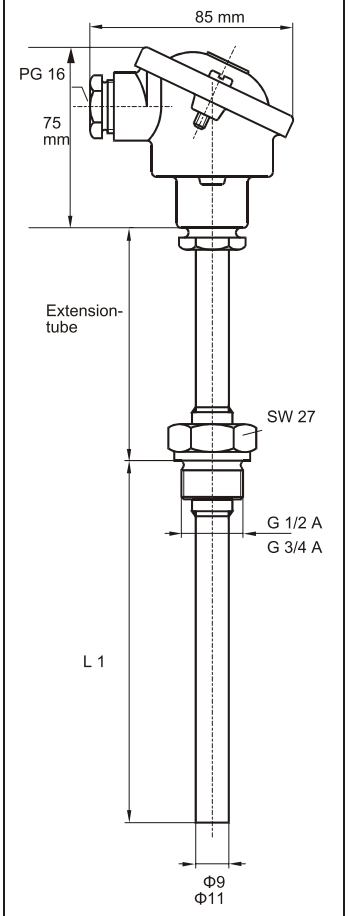
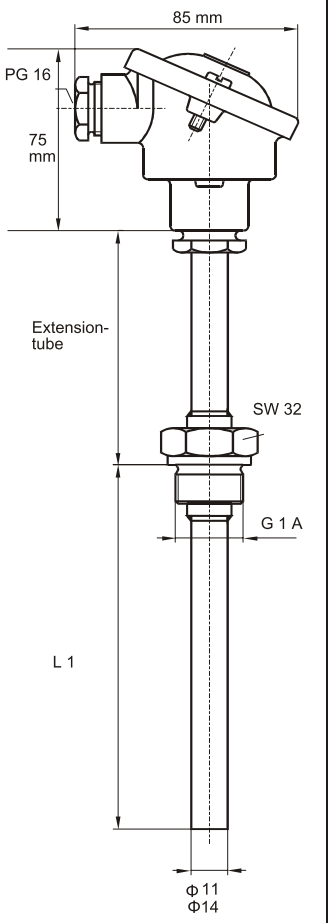
Technical data: RTD's for screwing in

Series	RTS100		Options
Design			
Description	Form 2G acc. to DIN 43772-2		
Process Connection	G 1/2A, G 3/4A	G 1 A	
Thermowell Diameter Stem Lengh L_1	 Φ9 mm Φ11 mm 160 mm 250 mm 400 mm	 Φ11 mm Φ14 mm 160 mm 250 mm 400 mm	 tappered tip Φ7.0 mm Other Length
Material	1.4571		1.4541 1.7335
Extension Tube	145 mm		
Connection head	Form B acc. to DIN 43729 waterproof 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 1/2A		 Form BUZ Form BUS Form BUZH Form BUSH
Sensor Element RTS112 RTS113 RTS114 RTS122 RTS123	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 IEC 751, Class B		 Class A