BIMETAL-POINTER-THERMOMETER

DRUCK & TEMPERATUR

For heating and sanitary industry
NS 63, NS 100, NS 160
with vertical plain stem

A solid constructed temperature measuring instrument for heating and sanitary industry.





Type 996 prot. tube for screwing-in

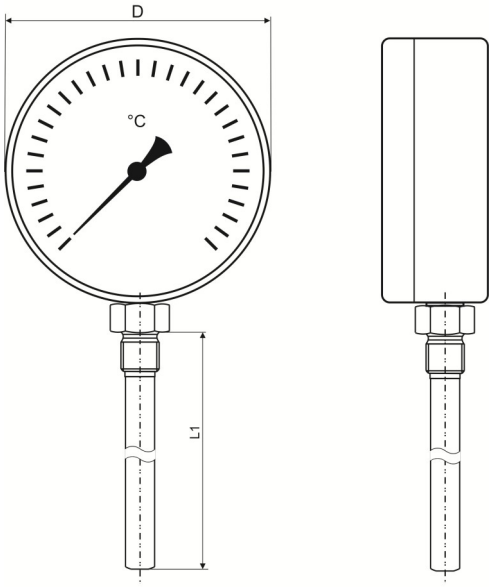
Type 966 prot. tube for welding-in

Type	02 063	02 100	02 160	Options
Nominal size	63	100	160	NS 50 on request
Symbol				
Accuracy	Factory norm 1,6			class 1
Ranges (°C)	-30/+50, 0/40, 0/80, -20/+60, 0/60, 0/100, 0/120, 0/160, 0/200, 0/250, 0/300			0/350, 0/400, 0/500 and more see types B11 and B14
Application	Full scale value			
Pressure at thermowell	max. 6 bar			
Case	Steel galvanised			
Slip ring	Stainless steel			
Dial	Aluminium, white, scale and letters black printed			
Pointer	Aluminium, black			
Window	Glass			
Plain stem	Ø 9 mm, bottom centric			
Connection	Removable screw neck made of brass 58, Ø 11 mm, Thread G 1/2 A, with lateral fixing screw M3, steel galvanised			Protection tube for screwing-in (left) Protection tube for welding-in (right)
Nominal length immersion tube	45, 63, 100 turned of solid material 150, 200 multipart, soft welded			more lengths on request
Protection class	IP 43			
Weight (kg)	0,07	0,13	0,28	

Type 02

Dimensional drawings

Dimensions in mm



Type 02 with removable screw neck

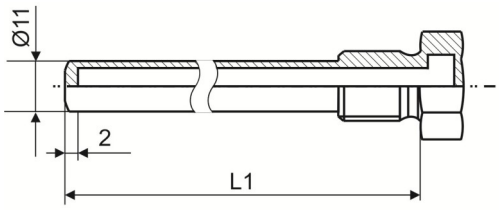
Type	D	L - Nominal length (measuring length) in mm
02 063	63	45 (45), 63 (60),100 (95), 160 (154), 200 (195), 300 (295); others o. r.
02 100	100	45 (45), 63 (60),100 (95), 160 (154), 200 (195), 300 (295); others o. r.
02 160	160	45 (45), 63 (60),100 (95), 160 (154), 200 (195), 300 (295); others o. r.

Meas. Range	Subdivision
-20/+60 °C	1:1
-30/+50 °C	1:1
0/40 °C	1:1
0/60 °C	1:1
0/100 °C	1:1
0/120 °C	2:1
0/160 °C	2:1
0/200 °C	5:1
0/250 °C	5:1
0/300 °C	5:1

Protection tubes - options

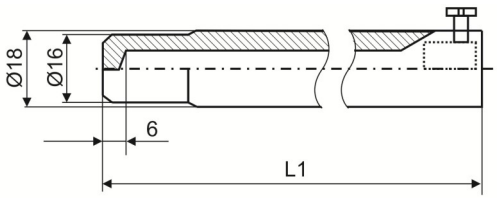
Dimensions in mm

Type 996 Protection tube for screwing-in, PN 40
Material: Stainless steel 1.4571
Thread connection: G 1/2 A
lateral fixing screw M3, VA
multipart design



Nominal length	L1 in mm
45	40
63	60
100	95
160	155
200	195

Type 966 Protection tube for welding-in, PN 40
Material: machining steel, good weldability, one-piece
lateral fixing screw M3, steel galvanised
up to nominal length 100 turned of solid material
nominal length over 100 welded



Nominal length	L1 in mm
45	55
63	70
100	105
160	155
200	205

SUKU Druck- und Temperaturmesstechnik GmbH
Garnsdorfer Hauptstraße 109 • 09244 Lichtenau / Sachsen - GERMANY
Tel.: +49 37208 / 2717 • Fax: +49 37208 / 61713 • contact@suku.de • www.suku.de

© 2025 SUKU Druck- und Temperaturmesstechnik GmbH.
The technical data of the devices described in this document correspond to the current state of the art. We reserve the right to make changes and exchange materials.