Stainless Steel Thermowell

Applications

- Protection of temperature measuring equipment such as thermometers, temperature sensors, etc.
- Chemical industry
- Process industry
- Machine building industry
- Power plants

Sample Picture



General Features

- Compact design
- All stainless steel material
- Maximum 25 bar

Standard Technical Features

Instrument connection

Material : 316L stainless steel (drawn)
G1/4B (fixed thread)
G1/2B (swivel union)
1/4"NPT (fixed thread)
1/2"NPT (fixed thread)
M20x1,5 (swivel union)

Process connection

Material : 316L stainless steel (drawn)
G1/2B (fixed thread)
1/2"NPT (fixed thread)
M20x1,5 (fixed thread)

Tube

Material : 316L stainless steel (drawn)
Outer dia. : Ø12 mm
Inner dia. : Ø9 mm

Working pressure

Maximum 25 bar

Options

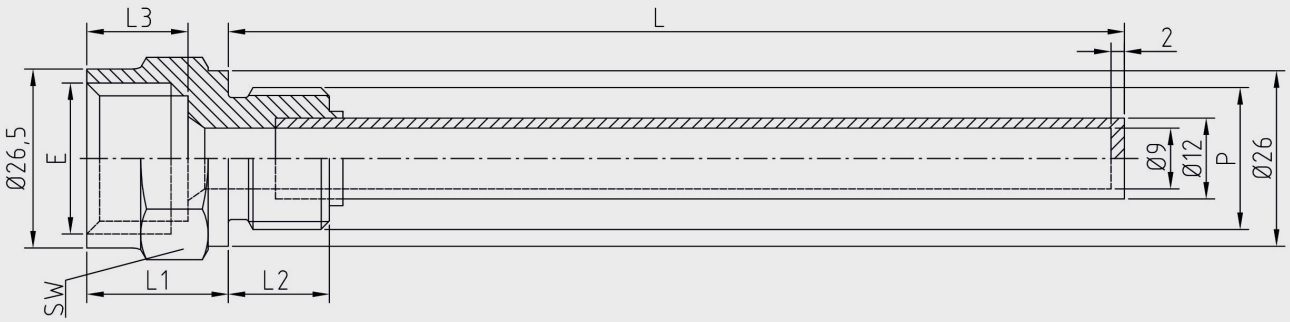
- Other instrument connections
- Other process connections
- Other tube diameters available

Thermowell stem length calculation for thermometers

U : Thermometer stem length
L : Thermowell stem length
L = U - 17 mm (for G1/2B connection)

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Standard Technical Features



Dimensions (mm)						
Instrument connection (E)	Process connection (P)	L1	L2	L3	L	SW
G 1/4 B (female)	G 1/2 B (male)	16	15	13	-	27
	1/2" NPT (male)	16	18	13	-	27
	M20 x 1,5 (male)	16	18	13	-	27
G 1/2 B (female)	G 1/2 B (male)	18	15	15	U - 17 mm	27
	1/2" NPT (male)	18	18	15	U - 17 mm	27
	M20 x 1,5 (male)	18	18	15	U - 17 mm	27
1/4" NPT (female)	G 1/2 B (male)	16	15	13	-	27
	1/2" NPT (male)	16	18	13	-	27
	M20 x 1,5 (male)	16	18	13	-	27
1/2" NPT (female)	G 1/2 B (male)	21	15	18	-	27
	1/2" NPT (male)	21	18	18	-	27
	M20 x 1,5 (male)	21	18	18	-	27
M20 x 1,5 (female)	G 1/2 B (male)	21	15	18	-	27
	1/2" NPT (male)	21	18	18	-	27
	M20 x 1,5 (male)	21	18	18	-	27

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