Thermowell, ZPT4

For standard temperature sensors
with threaded instrument connection

Main features

- Stainless steel, AISI 316
- Robust design

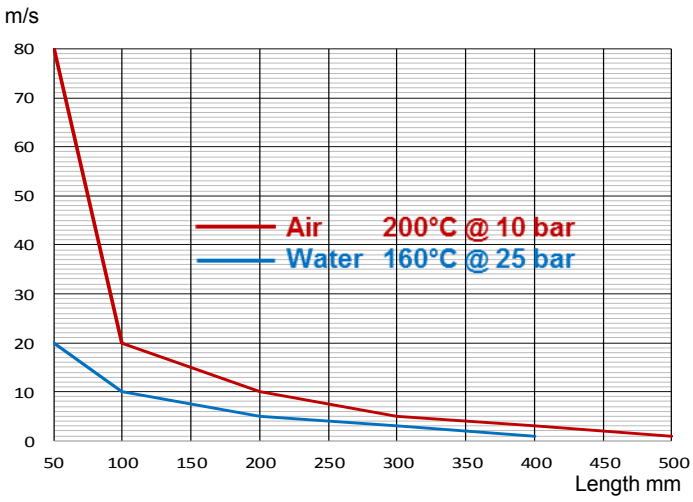
Applications

- For threaded process connection - sensor Ø6 and Ø8 mm
- For hygienic process connection - sensor Ø6 mm

Technical specifications

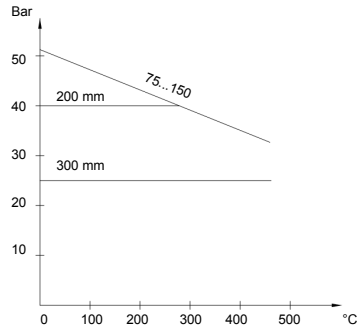
Material	Stainless steel AISI 316L (1.4404)
Instrument connection	G½A
Sensor diameter	Ø6 or Ø8 mm
Process connection	G½A, G¾A, R½, M20×1,5 ISO 2852 DN 38 clamp
Outside diameter	Ø10 or Ø12 mm

Flow / length



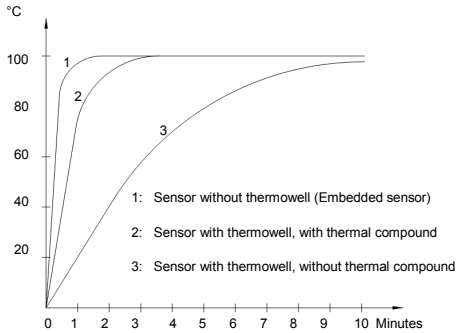
Environment

Pressure



Note: Maximum pressure is reduced and not documented when above 300 mm

Response time



Note:

Using a thermowell will increase the response time, which is the time the sensor takes to reflect the correct temperature after a sudden change in the media.

Baumer
Passion for Sensors

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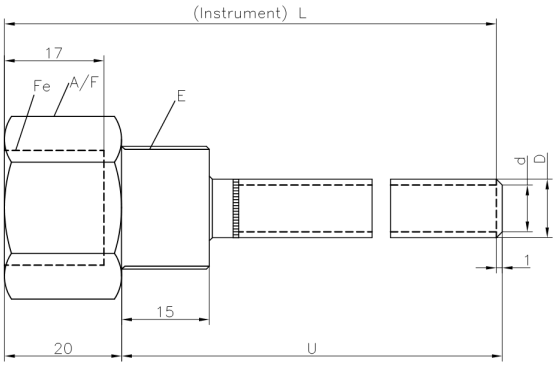
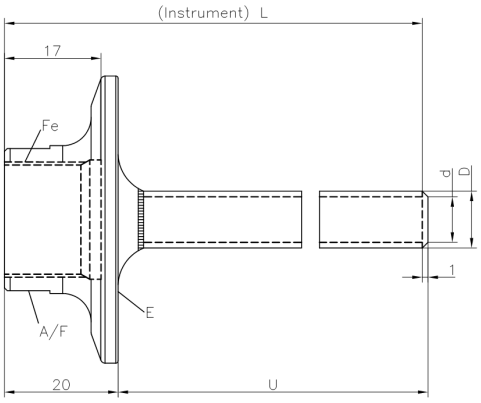
Dimensions (mm)

Threaded industrial type



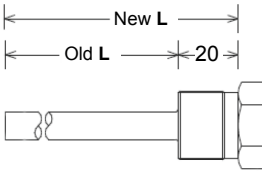
L	Instrument length
Fe	G½
A/F	27 mm
E	R½, G½A, G¾A or M20×1,5
D	Ø10 or Ø12 mm
d	Ø8 or Ø10 mm
U	up to 3 m

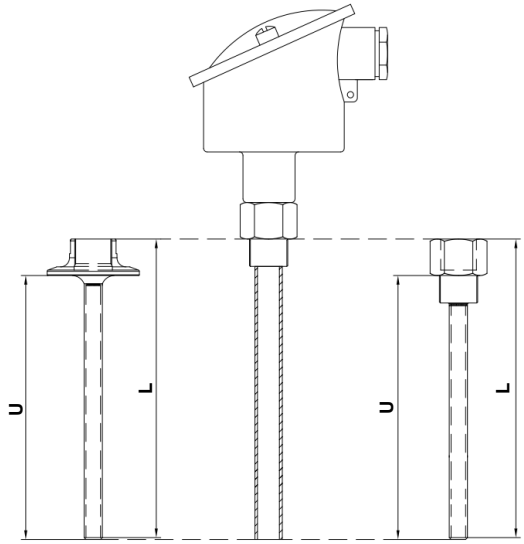
Hygienic type



L	Instrument length
Fe	G½
A/F	25 mm
E	Clamp, ISO 2852 DN 38
D	Ø10 mm
d	Ø8 mm
U	up to 3 m

NOTE:
For old type sensors, as CombiTemp 814, TE1 and TE2, where the "old L" is measured to the bottom of the thread the "new L" will be: Old L + 20 mm = L for ZPT4





Ordering details

Thermowell, Type ZPT4		ZPT4	-	5	x	x	6	x	.	x	x	x	x
Instrument connection	Female thread, G½			5									
Process connection	R½ (½" BSPT)				1	4							
	G½B				1	5							
	G¾B				3	4							
	M20x1,5				5	4							
	Clamp, ISO 2852, DN25/DN38				3	8							
Material	Stainless steel AISI 316L (1.4404)						6						
Sensor diameter	Ø6 (outside Ø10 mm)							5					
	Ø8 (outside Ø12 mm)							7					
Instrument length (L)	mm (e.g. 60 mm = 0060)									0	0	0	0

Thermal compound

Recommended within the temperature range of –40…+180°C

Ordering details for thermal compound

6 grams in plastic bag	**ZPX1-001**