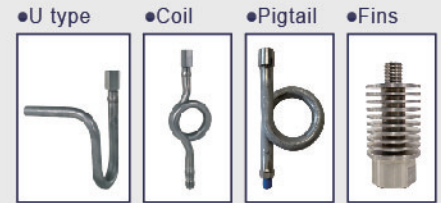


- Imported A-grade temperature sensing components with high accuracy, good stability and long lifespan.
- Output signal: 4-20mA circuit power supply RS-485 Modbus RTU or signal of temperature measuring components such as PT-100.
- DIN 43650 connector, can be paired with LED on-site display and two-stage O.C. control.
- Output signals PT-100/ PT-1000/ K/ J/ E/ T/ R/ RS-485 and other temperature measuring components do not have a working power supply (cannot compatible with LED display).
- Working power supply: DC9-36V, output signal: 4-20mADC (Can be paired with LED display).
- Type of measuring rod material customized and planned according to the on-site needs of the dental cavity.
- Fast delivery time be even quality.

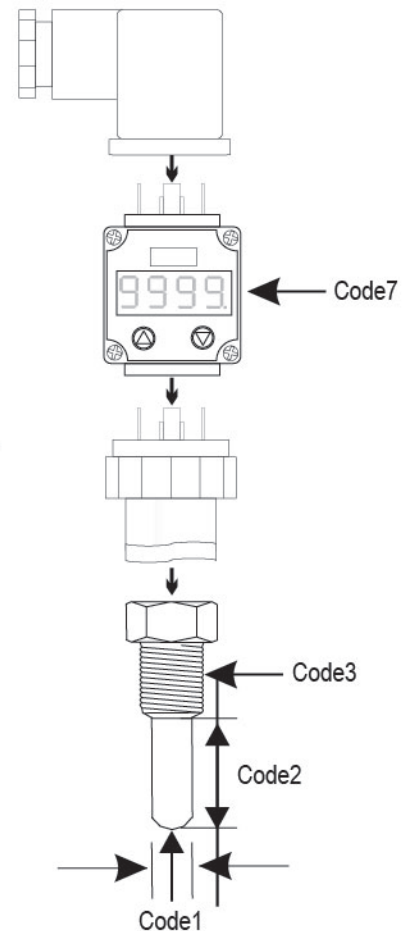


ORDER INFORMATION

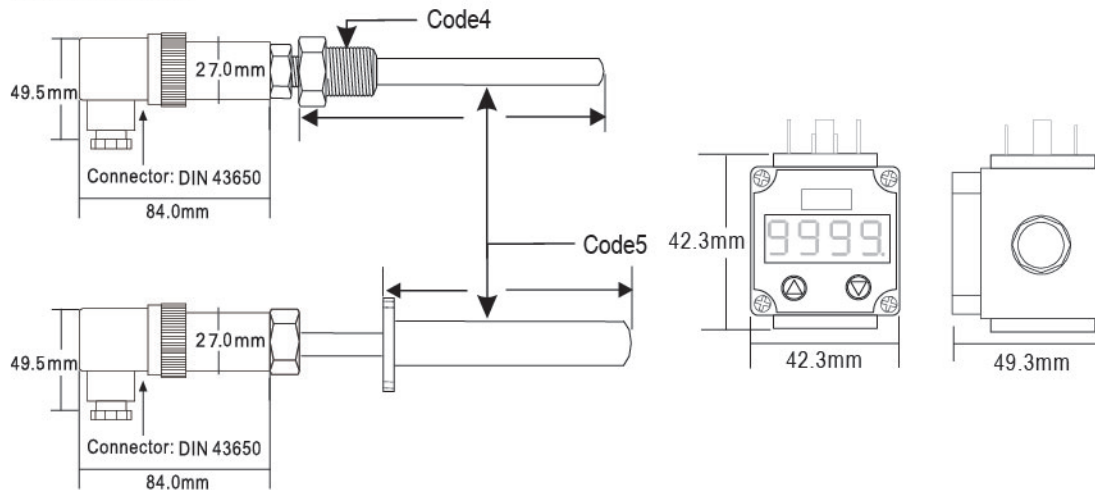
BTV - [Code1] [Code2] - [Code3] [Code4] [Code5] - [Code6] [Code7] - [Code8]

Code1	Tube Diameter	Code2	Tube Length	Code3	Connection	Code4	Outer casing thread	Code5	Thermo-Well	Code6	Heat dissipation	Code7	Display	Code8	Output Signal
3	3.2 mm	03	30 mm	N	None	N	None	N	None	N	None	N	None	PT	PT-100 (A.B.b)
4	4.8 mm	05	50 mm	1	1/4" PT	1	1/4" PT	1	Overheat 50mm	CT	Coil Type	L	LED	2A6	DC4-20mA(2W)
5	5.0 mm	08	80 mm	2	3/8" PT	2	3/8" PT	2	Sliding Tube	PT	Pigtail Type			Y	RS-485 Modbus RTU
6	6.3 mm	10	100 mm	3	1/2" PT	3	1/2" PT	3	Flange	UT	U Type			O	Option
9	9.5 mm	20	200 mm	4	3/4" PT	4	3/4" PT	4	Teflon Tube	FT	Fins Type				
A	12.3 mm	30	300 mm	5	1" PT	5	1" PT	5	Magnetic Tube						
O	Option	A0	1000 mm	A	1/4" NPT	A	1/4" NPT	6	Titanium Tube						
		B0	2000 mm	B	3/8" NPT	B	3/8" NPT	O	Option						
		O	Option	C	1/2" NPT	C	1/2" NPT								
				D	3/4" NPT	D	3/4" NPT								
				E	1" NPT	E	1" NPT								
				O	Option	O	Option								

INSTALLATION



DIMENSION



LED DISPLAY SPEC.

- ◆Accuracy: IP65
- ◆Display: $\pm 0.5\%$ full scale
- ◆Display range: High brightness red LED, height 7mm(0.27")
- ◆Zero value adjustment range: -1999~9999
- ◆Overload display: $\pm 15\%$
- ◆Alarm action direction: oFL or -oFL
- ◆Alarm delay action time: " $\geq$ (Hi)action" or "< (Lo)action"
- ◆Reaction time: 0~30sec.
- ◆Temperature coefficient: <5mesc
- ◆Operating environment temp. and humi.: 100ppm/°C (0~60°C)
- ◆Storage environment temp. and humi.: -25~85°C; <95%RH(non-condensing)
- ◆Working power supply: -40~90°C; <95%RH(non-condensing)
- ◆Power consumption: DC9~36V(2-wire loop power supply)
- ◆Input impedance: 3mAdc at 4.5Vdc
- ◆Protection level: $\geq 10K\Omega$
- ◆Shell material: IP65
- ◆Electrical connectors: ABS

DIN43650

WIRING CONNECTION

