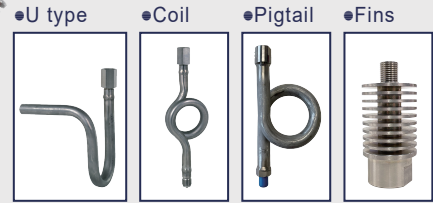


- Imported A-grade temperature sensing components with high accuracy, good stability and long lifespan.
- Output signal: 4-20mA circuit power supply RS-485 Modbus RTU or signal of temperature measuring components such as PT-100.
- DIN 43650 connector, can be paired with LED on-site display and two-stage 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
3	3.2 mm
4	4.8 mm
5	5.0 mm
6	6.3 mm
9	9.5 mm
A	12.3 mm
O	Option

Code2	Tube Length
03	30 mm
05	50 mm
08	80 mm
10	100 mm
20	200 mm
30	300 mm
A0	1000 mm
B0	2000 mm
O	Option

Code3	Connection
N	None
1	1/4" PT
2	3/8" PT
3	1/2" PT
4	3/4" PT
5	1" PT
A	1/4" NPT
B	3/8" NPT
C	1/2" NPT
D	3/4" NPT
E	1" NPT
O	Option

Code4	Outer casing thread
N	None
1	1/4" PT
2	3/8" PT
3	1/2" PT
4	3/4" PT
5	1" PT
A	1/4" NPT
B	3/8" NPT
C	1/2" NPT
D	3/4" NPT
E	1" NPT
O	Option

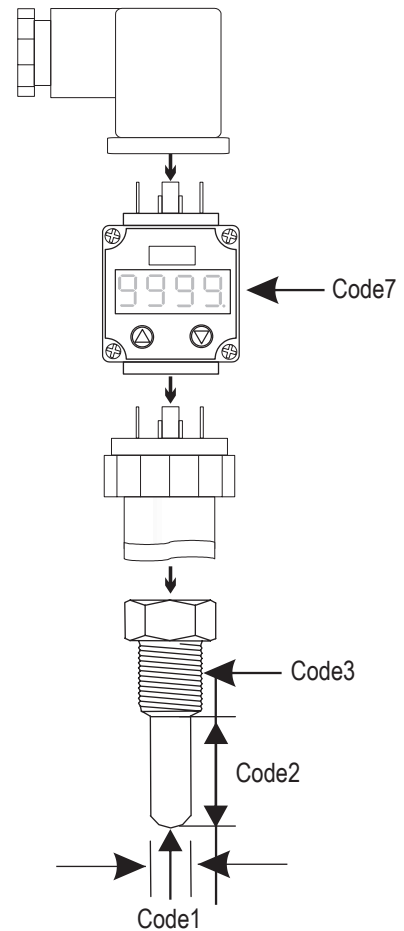
Code5	Thermo-Well
N	None
1	Overheat 50mm
2	Sliding Tube
3	Flange
4	Teflon Tube
5	Magnetic Tube
6	Titanium Tube
O	Option

Code6	Heat dissipation
N	None
CT	Coil Type
PT	Pigtail Type
UT	U Type
FT	Fins Type

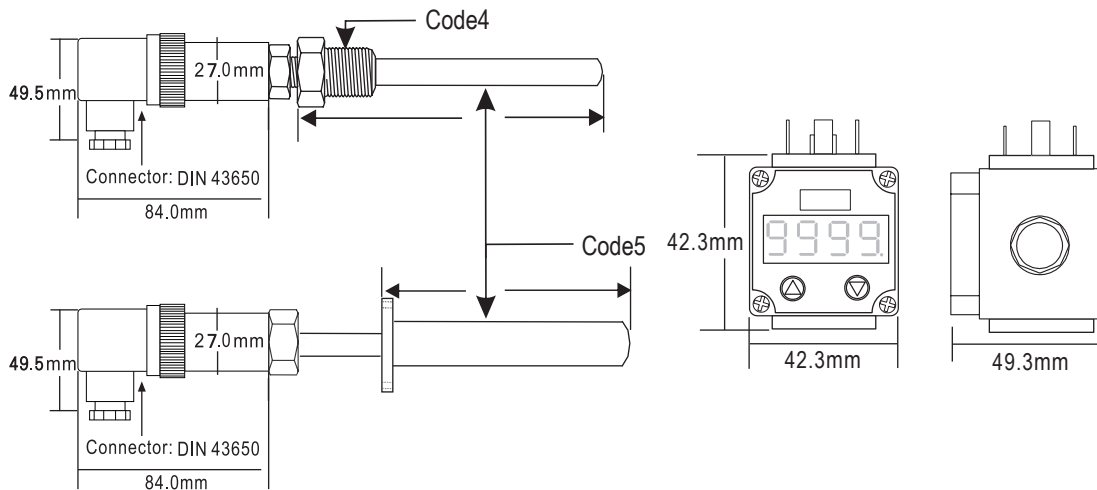
Code7	Display
N	None
L	LED

Code8	Output Signal
PT	PT-100 (A.B.b)
2A6	DC4-20mA(2W)
Y	RS-485 Modbus RTU
O	Option

INSTALLATION



DIMENSION

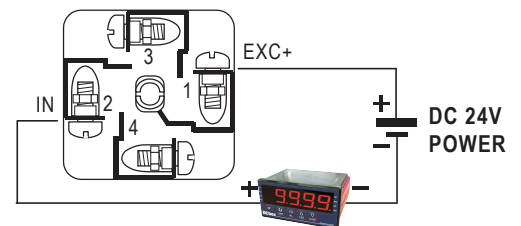


LED DISPLAY SPEC.

- ◆Accuracy: IP65
- ◆Display: ±0.5% full scale
- ◆Display range: High brightness red LED, height 7mm(0.27")
- ◆Zero value adjustment range: -1999-9999
- ◆Overload display: ±15%
- ◆Alarm action direction: oFL or -oFL
- ◆Alarm delay action time: "≥(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: ≥10KΩ
- ◆Shell material: IP65
- ◆Electrical connectors: ABS

DIN43650

WIRING CONNECTION



Meter (ex model: MA4/MA5/MA5H-A)

