



### DESCRIPTION

The TT is a robust temperature transmitter designed for measuring temperature in hydraulic applications. Anfield's unique design enables for ideal performance at a competitive cost. The sensor provides an analog 4 to 20 mA output. The TT series is ideal for harsh environmental conditions.

### FEATURES

- Robust design
- IP 65 rated
- Solid state sensing

### APPLICATIONS

- Industrial applications
- Hydraulic Power units
- Gear Box
- Lubrication systems

### Specifications

Measuring Principle	Solid State
Accuracy (Full Range)	+/- 2% FS
Accuracy (Room Temperature)	≤ 0.5% FS
Supply Voltage	8 to 30 VDC
Measurement Unit	°F, °C
Ambient Temperature Range	-40°F to 257°F (-40°C to 125°C)
Max Pressure	1800 psi (124 BAR)
Output Signal	4 - 20mA
Power On Time	< 1 sec
Temperature Drift	0.001% FS/°C / 1000 hrs
Protection	DIN 43650A : IP65
Protection	Overvoltage, Short Circuit, Reverse Polarity
Housing Material	Nickel plated brass
Weight	0.37 lbs (0.17 kg)

### Wiring Code

	4 - 20 mA	
	Supply +	Supply -
HC - DIN 43650A	Pin 1	Pin 2

### Ordering Information

#### Example

TT - <sup>1</sup>S - <sup>2</sup>N25/100C - <sup>3</sup>2 - <sup>4</sup>8M32 - <sup>5</sup>HC

#### 1 - Sensing Element:

S - Solid State

#### 2 - Temperature Range:

**N25/100C** - -25°C to 100°C (-13°F to 212°F)

**0/100C** - 0°C to 100°C (32°F to 212°F)

**0/300F** - 0°F to 300°F (-17°C to 149°C)

#### 3 - Output:

2 - 4 - 20mA

#### 4 - Threads:

**8M32** - 1/2 NPT thread

**8G32** - 1/2 BSPP thread with viton seal

#### 5 - Electrical Connector

HC - DIN 43650A

### Dimensions

