

LED TEMPERATURE TRANSMITTER AT-GGT Series

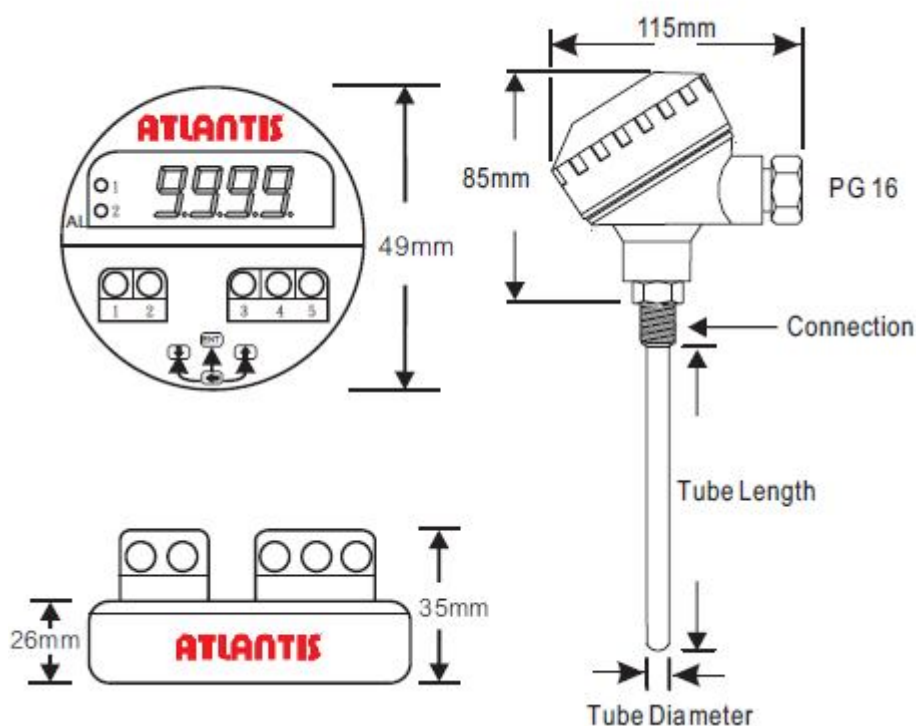
FEATURES

- ◆ 4 digits LED display
- ◆ Available for all kinds of temperature sensors: K、J、E；R、S、B、T and PT-100
- ◆ 2 units selectable (°C/°F)
- ◆ 2 levels of O.C. alarm
- ◆ RS-485 Modbus RTU mode (Max Baud Rate : 9600 bps)



SPECIFICATIONS

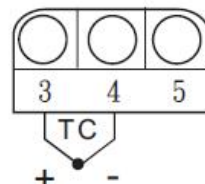
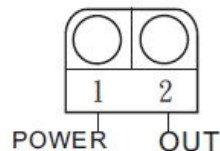
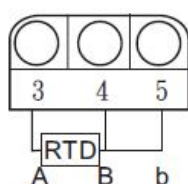
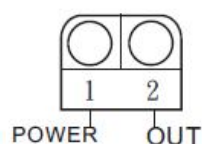
Dimensions in mm	Size : 115 x 85 mm Material : Aluminum
Display	4 digits red LED display (The position of a decimal point can be arranged.) Sampling rate : 16 cycles/sec Size : 0.4" (10.16mm) Material : ABS
Measured Range	K : -200~1200℃ J : -200~750℃ E : -200~800℃ R、S : 0~1600℃ B : 500~1700℃ T : -200~350℃ PT-100 : -200~600℃ ※ Temperature Limits depend on material of round head and stem.
Accuracy	±0.1% F.S. (PT-100Ω) ±0.2% F.S. ±0.5℃ temperature compensation
Stem	Size : O.T.—6.35、8、9、12.75mm < other sizes are available upon request > Length : custom-made Material : SUS304 (under 750℃)、SUS316 (under 850℃)、 Ceramics (under 1500℃)
Thread	1/2" ; 1/4" ; 3/8" PT/NPT male thread
Power Supply	DC 15~30 VDC Option : DC 12/24/30~90VDC
Output	2 levels of O.C. alarm (delay time : 0~99 Sec.) 4~20mA analog output RS-485 Modbus RTU mode (Baud Rate : 9600/4800/2400 bps)
TCR	100 ppm/℃ (0~60℃)
Temperature Condition	Working temperature : 0~60℃ Storage temperature : -10~70℃
Working Humidity	20~90% RH (non-condensed)
Insulation Pressure Limits	1.5 KVac/Min.



Circuit diagram

PT-100Ω

K, J, E, R, S, B, T



HOW TO ORDER

AT-GGT	—	K	—	0-200	—	6.35xL	—	1/2PT	—	A
		Sensor			Ranges			Stem Size		
		K、J、E type			K：-200～1200℃			O.T.- 6.35mm		
		R、S、B、T type			J：-200～750℃			8mm		
		PT-100Ω			E：-200～800℃			9mm		
					R、S：0～1600℃			12.75mm		
					B：500～1700℃			Others		
					T：-200～350℃			Length- custom-made		
					PT-100：-200～600℃					