



AP.E - Engineering

Instrumentation for industrial process and water plant



TEMPERATURE TRANSMITTER APE-PT100

OUR PRODUCTS

MEASURE

Flow
Level
Pressure
Temperature
Density
Displacement
Rotation
Energy
Voltage
Current
and others...

ANALYZERS

Measure and Control

PH

Redox

Conductivity

Chlorine

Turbidity

Opacity

Oxygen

and others...

AUTOMATIC

VALVES

SLUICE GATE

GATE VALVES

Control and

on-off Type

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VALVE

CONTROLLER

Static (Triac)

with Auto/Man

AUTOMATIONS

PLC-PCS

Data-logger

Controller

Control

panel

SOFTWARE

ISI-S.C.A.D.A

CUSTOMIZED ENGINEERING

Instrumentation
control



TECHNICAL DATA

Applications	: For duty industrial applications
Mounting	: on pipes
Range	: -40÷160°C or 0÷400°C
Temp. sensor	: PT100-Din 43760
Output	: 4÷20 mA (2 wire 12 ÷ 30 Vdc) with indication led light for closed loop (Optional : HART OUTPUT)
Accuracy	: +/-0,2% f.s. (1/10 DIN) with adjustment zero and spam for zeroing of the error at the point of normal measurement
shank for high temp.	: 200mm (>120°C) optional
Dimensions	: to request
Process mounting	: to request
Material	: AISI 316L (for applications in thermal water aisi316 Ti treated)
Connections	: by terminal block
Protection	: IP66 (CEI EN 60529)
Temperature	: -10÷70°C
Umidity	: 100%

Quality Parameters:

International index of reliability	: MTBF 100.000 hours
Test before delivery	: BURN-IN 120 hours

**OPTIONAL: Dimensions to request
measurement wells**

Bull.	230
Last updating	October 2012
Italian version	
English version	X

TEMPERATURE INDICATORS WITH ALARMS APE 105-V4

