

טג אלקטרוניקה (1975) בע"מ

מד לחץ הידרוסטטי טבול TAG PT400

Features

Stainless steel 304
0.5% accuracy
OEM doable
Diffused silicon
Powerfull electromagnetic interference proof

Introduction

TAG PT 400 series pressure transmitter is a high reliability, high stability and high accuracy level transmitter which is widely use liquid pressure and height measurement, such as water, oil and corrosive liquid.

The product is made of 1Cr18Ni9Ti stainless steel and core body is selected from well-known brand. The special transmitter converting circuit can adjust the zero value and the full range expediently and can be adjusted digitally.

We offer special cable that is resistant to abrasion, oil, acid & alkaline and strength according to on-site environment.

This product has got intrinsic safety certification, explosion proof certification and CE certification.



Parameter	Value			Note
Measure Range	0~2...~200mH2O			mH2O=9.81KPa
Overload Pressure	1.5×RP(rated pressure)			
Broken Pressure	3.0×RP(rated pressure)			
Accuracy	0.1%F.S,±0.25%F.S,±0.5%F.S(MARS series have higher accuracy)			
Stability	Typical 0.1%F.S,Max 0.2%F.S			
Operate Temperature	-40℃~85℃			
Compensation Temperature	-10℃~70℃			
Medium Compatibility	Corrosive medium compatible with Cr18Ni9Ti, 316L			
Wires	Two-wire	Three-wire		
Signal Output	4~20mA	0~5V	0~10V	
Power Supply	12~36Vdc	10~36Vdc/ac	12~36Vdc/ac	dc/ac means dc and ac are all usable
Load Resistance	(U-10)/0.02(Ω)		>100KΩ	
Insulation	>100MΩ@50V			
Elec. connector	five level protection. IP68			
Pressure Port	G1/4, Embedded Type			
Response Time	10ms			
Pressure Form	Gauge G , Absolute A			
Compliant	CE, Intrinsically safe E, Explosion-proof D			
EMC	EMI: EN50081-1/-2; EMS: EN50082-2			
Lightning Proof	Air-conduction voltage 8000V,Conduction voltage of housing and cable: 4000V			Customizable

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STANDARD MODELS (other models on request) :

TAG PT400 4-20mA, 2 wire, 0.5% accuracy, 0-1mH₂O, 5m Cable
TAG PT400 4-20mA, 2 wire, 0.5% accuracy, 0-2mH₂O, 5m Cable
TAG PT400 4-20mA, 2 wire, 0.5% accuracy, 0-5mH₂O, 10m Cable
TAG PT400 4-20mA, 2 wire, 0.5% accuracy, 0-10mH₂O, 20m Cable

**All units made of stainless steel 304
and delivered with shielded cable**