

טג אלקטרוניקה (1975) בע"מ

מתמר לחץ לביוב ונוזלים לא נקיים UIL PT300F

Features

Wide measuring range
Stainless steel 316
0.5% accuracy
Over load pressure X2 PR
core elements adopt high performance oiled diffusion silicon



Introduction

TAG PT300F series pressure transmitter is a mass production, cost effective and high quality product applied to both civil and industrial. Widely used in gas, liquid pressure measurement, such as water, oil, mild corrosive liquid and gas.

This product adopt 1Cr18Ni9Ti stainless structure, pressure core body select international top brand, the special V / I converter can easily calibrate zero and full scale output.. The lead of two-wire circumfluent is no-polarity, but the three-wire voltage output is Vdc / ac.

There are more than 10 models available with standard structure and output, furthermore, our design team are ready to offer custom service of special requirements to satisfy mass applications

Name	Data		
Measurement range	-1bar...1000bar		
Overload pressure	2 times rated pressure		
Failure pressure	4 times rated pressure		
Accuracy	±0.10%F.S, ±0.25%F.S, ±0.5%F.S		
stability	Typical value: 0.25%F.S, Mximum value: 0.4%F.S		
Operation temperature	-40°C~85°C		
Offset temperature	-10°C~70°C		
Medium compatibility	All corrosive medium compatible with 1Cr18Ni9Ti		
Electrics feature	Two-wire type	Three-wire type	Four-wire type
Signal output	4~20mA	0~20mA	0~20mA
		0~10Vdc	0~10Vdc

ת.ד. 36773 תל-אביב 61367 טל' 050-5717087 פקס 03-5376157

P.O.B. 36773 TEL-AVIV 61367 ISRAEL TEL. 972-3-6883244 FAX 972-3-5376157

אתר אינטרנט www.tagltd.co.il INTERNET דואר אלקטרוני info@tagltd.co.il E-MAIL

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Power supply	10~30Vdc	12~30Vdc	12~30Vdc
Load resistance	(U-10)/0.02(Ω)	Current: (U-12)/0.02(Ω); voltage: >100K Ω	
Insulate	>100M Ω @50V		
Electrics connector	Connector: DIN4365, shell protection: IP65		
	Aviation plug: GX16-7, shell protection: IP45		
	Waterproof outgoing line(five rank waterproof sealed), Shell protection: IP68		
Pressure junction	M20x1.5, M27x1.5, G1/2, G3/4, NPT1/2 stainless steel clamp-on design		
Response time	10ms		
Pressure form	Gauge pressure: G; Sealed gauge pressure: S; Absolute pressure:A,		
Certification	Intrinsic safety E, Explosion proof D, CE certification		
Electromagnetic compatibility	Electromagnetic radiation: EN50081-1/-2; Electromagnetic sensitivity: EN50082-2		