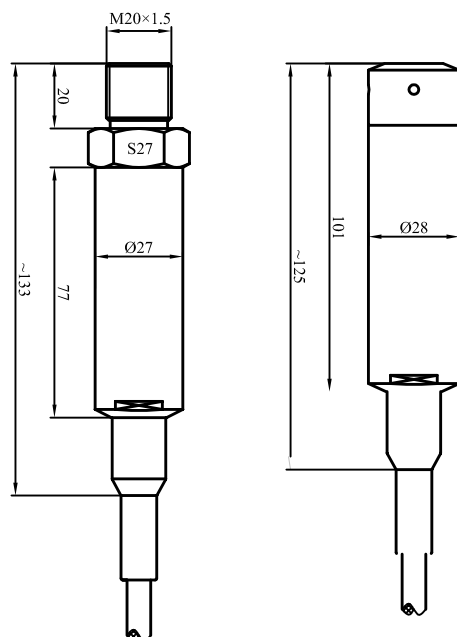




Dimension in:mm

ITA3000 Order Ref NO

ITA3000 - 100 - A4 - 0.25 - G - 1.0 medio ambiente.

A B C D E

A Measurement range(mH2O)

B Output:A4=4~20mA;V05=0. 5~4. 5V;V0=0~5V;V1=1~5V;V10=0~10V

C Accuracy: 0. 25=0. 25%F. S;0. 5=0. 5%F. S

D Pressure connection: G=G1/4;T=Dive type

E Cable length(m)

ITA3000

Liquid level
pressure transmitter



La serie ITA3000 es un transmisor de nivel de líquido altamente confiable y preciso. Puede ser ampliamente utilizado en la medición de la presión del líquido y el nivel del líquido, como agua, aceite y otros líquidos con baja corrosión.

Cuenta con estructura de acero inoxidable, amplificador especial y placa de circuito del transmisor V / I, lo que facilita la calibración del punto cero y la escala completa. El transmisor es resistente al aceite y ácido.

Specification

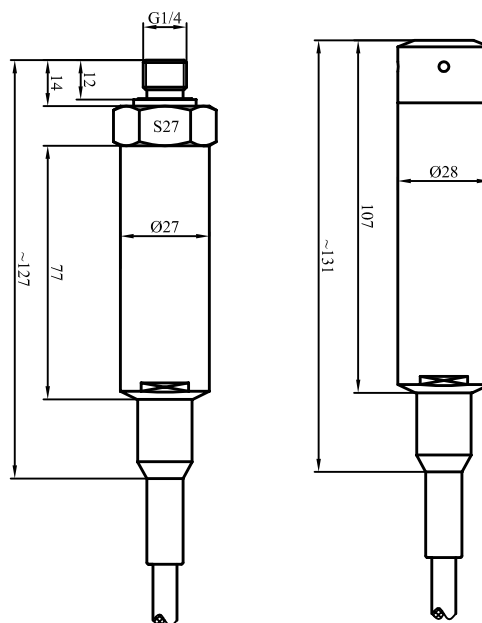
General	Value			
Measurement Range	0~1……500mH2O			
Overload Pressure	1.5 times of full scales			
Burst Pressure	3 times of full scales			
Accuracy	±0.25%F.S、 ±0.5%F.S			
Long Term Stability	Typical value:0.1%F.S Maximum:0.2%F.S			
Working Temperature	-40℃~85℃			
Compensated Temperature	-10℃~70℃			
Medium Compatibility	All corrosive medium compatible with 1Cr18Ni9Ti and 316L			
Output Mode	Two-wired	Three-wired		
Output	4~20mA	0.5~4.5V	0/1~5V	0~10V
Power Supply	12~36VDC	5VDC	10~36VDC/AC	12~36VDC/AC
Load Resistance	(U-10)/0.02(Ω)	>100K(Ω)		
Insulation	>100M(Ω)@50V			
Electrical Connection	Waterproof cover+Two rectangular ring+Seal ring+Sealant+Glue,Protection:IP68			
Pressure Connection	G1/4 thread or Dive type			
Response Time	10ms			
Pressure Form	Gauge pressure			
Electromagnetic Compatibility	Electromagnetic transmit:EN50081-1/-2;Electromagnetic sensitivity:EN50082-2			
Lightning-proof	Air conduction voltage 8000V,shell or cable conduction voltage 4000V; Can also be provided according to customer's requirement			

ITA3800

Digital
pressure transmitter



El transmisor de presión ITA3800 es un producto que se caracteriza por su alta confiabilidad, alta estabilidad y salida digital. Es ampliamente utilizado en pruebas de presión de gases y líquidos, como agua, petróleo, líquidos y gases peligrosos. Este producto adopta una estructura de acero inoxidable 1Cr18Ni9Ti y una salida RS485.



Dimension in:mm

ITA3800 Order Ref NO

ITA3800-100 - - 0.5 - G - 1.0

A B C D

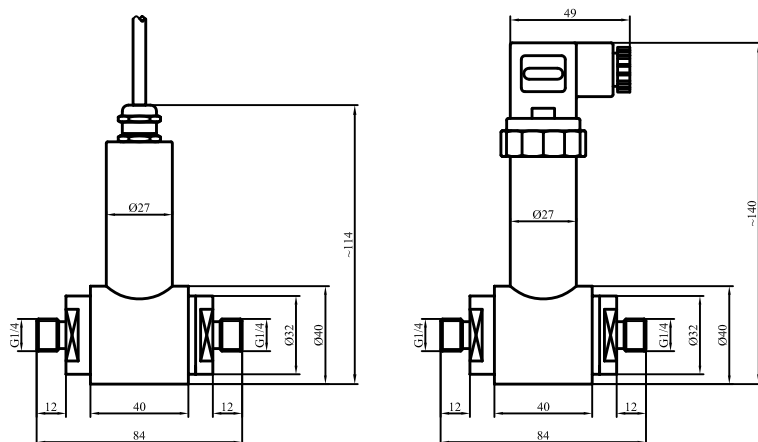
A Measurement range(mH2O)	B Accuracy	C Pressure connection	D Cable length (m)
	0. 5=±0. 5%F. S	G=G1/4	
		G2=G1/2	
		M=M20×1.5	
		R2=R1/2	
		N2=NPT1/2	

Specification

General	Value
Measure Range	0~2……200mH2O
Overload Pressure	1.5 times full scale
Broken Pressure	3 times full scale
Accuracy	±0.5%F.S
Stability	Typical 0.2%F.S per year
Operating Temperature	-40°C~85°C
Medium Compatibility	Corrosive medium compatible with stainless steel Cr18Ni9Ti
Signal Output	Rs485
Power Supply	10~30Vdc
Insulation	> 100M Ω@50V
Electrical connection	Waterproof solid line sets
Pressure connection	Investment style, Threaded:M20×1.5、 G1/4、 G1/2、 R1/2、 NPT1/2
Pressure type	Gauge G, Sealed gauge S
Response Time	10ms
Electro Magnetic Compatibility	EM: EN50081-1/-2; EMS: EN50082-2

ITA1500

Differential pressure transmitter



Dimension in:mm



El transmisor de presión diferencial ITA1500 se caracteriza por la interferencia anti-electromagnética y la prueba de iluminación. Es ampliamente utilizado en la prueba de presión diferencial de agua y líquidos.

ITA1500 Order Ref NO

ITA1500-A4-100- K-0.25-H-GF-1.0

A B C D E F G

A Output:A4=4~20mA;V0=0~5V;V1=1~5V;V10=0~10V

B Measurement range

C Unit of measure:K=kPa;M=MPa;P=psi;B=bar

D Accuracy:0.25=±0.25%F.S;0.5=±0.5%F.S

E Electrical connector:H=DIN43650-A;GX=GX16-7;C=Cable

F Pressureconnection:GF=G1/4Female;GM=G1/4Male;M=M20×1.5;RG=Φ8Airtap

G Cable length(m)

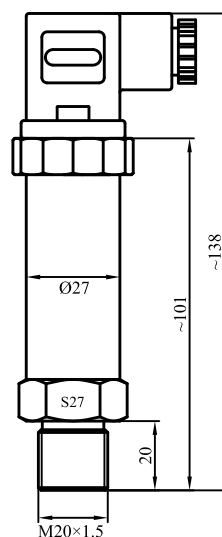
Specification

General		Value	
Measurement Range	0~±5kPa……±5000kPa		
Overload Pressure	1.5 times of full scales		
Burst Pressure	3、 5、 10 times of full scales , 20MPa		
Accuracy	±0.25%F.S、 ±0.5%F.S		
Long Term Stability	Typical value:0.1%F.S Maximum:0.2%F.S		
Working Temperature	-40℃~85℃		
Compensated Temperature	-10℃~70℃		
Medium Compatibility	All corrosive medium compatible with 1Cr18Ni9Ti and 316L		
Output Mode	Two-wired	Three-wired	
Output	4~20mA	0/1~5V	0~10V
Power Supply	12~30VDC	8~36VDC/AC	11~30VDC/AC
Load Resistance	(U-10)/0.02(Ω)	> 100K(Ω)	
Insulation	> 100M(Ω)@50V		
Electric strength	500V@60 second		
Impulse current	10g/5~2000Hz,axes X/Y/Z20g sine 11ms		
Protection class	water resistant wire leads,IP68;DIN43650,cover IP65		
Response Time	10ms		
Pressure endurance	2×10 ⁶ pressure circles@25℃		
Electromagnetic Compatibility	Electromagnetic transmit:EN50081-1/-2;Electromagnetic sensitivity:EN50082-2		
Lightning-proof	Air conduction voltage 8000V, shell or cable conduction voltage 4000V; Can also be preovided according to customer's requirement		

Conversion:1bar=14.5psi=100kPa

ITA1700

Pressure transmitter



Dimension in:mm

El transmisor de presión de la serie ITA1700 se utiliza para el control de medición de vacío absoluto, que ha resuelto completamente el problema de la medición de vacío difícil. Todas las conexiones de presión y conexiones eléctricas existentes están disponibles para el transmisor de presión de la serie ITA1700.

ITA1700 Order Ref NO

ITA1700-A4-1.0-M- 0.25 -H - G- 1.0

A B C D E F G

A Output	B Measurement range	C Unit of measure	D Accuracy	E Electrical connector	F Pressure connection	G Cable length(m)
A4=4~20mA		K=kPa	0.25=±0.25%F.S	H=DIN43650-A	G=G1/4	
V0=0~5V		M=MPa		GX=GX16-7	N=NPT1/4	
V1=1~5V		P=psi		C=Cable	R=R1/4	
V10=0~10V		B=bar			U=7/16-20UNF	
					M=M20×1.5	
					N2=NPT1/2	
					G2=G1/2	
					R2=R1/2	

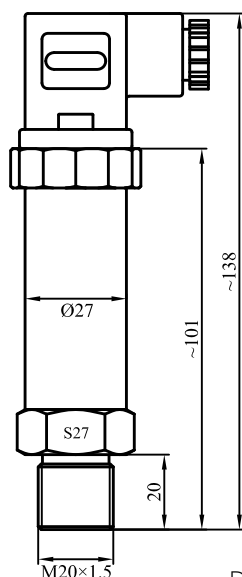
Specification

General	Value		
Measuring Range	Absolute pressure 0.1.....400bar		
Overload Capability	1.5 times full scale		
Burst Pressure	3 times full scale		
Accuracy	±0.25%F.S,±0.5%F.S		
Stable	Typically 0.25%F.S., MAX: 0.4%F.S		
Medium Temperature Range	-40℃~85℃ (-40℃~125℃ is available on request)		
Compensated Temperature	-10℃~70℃		
Medium	compatible with stainless steel1Cr18Ni9Ti		
Electrical overview	2 wire	3 wire	
Output	4~20mA	0~5V	0~10V
Power Supply	10~30VDC	6~24VDC\10~36VAC	11~30VDC\20~36VAC
Load	(U-10) /0.02(Ω)	> 100K(Ω)	
Insulation reistance	> 100M(Ω)@50V		
Electrical Connection	DIN43650,Protecting Class IP65		
	GX16-7,Protecting Class IP45		
	waterproof wire lead (Class 5) ,Protecting Class IP68		
Pressure Connection	M20×1.5, G1/2, G1/4, NPT1/4, NPT1/2		
Response time	10ms		
Electro Magnetic Compatibility	EN50081-1/-2 ; EN50082-2		

Conversion:1bar=14.5psi 1MPa=10bar

ITA1800

Pressure transmitter



Dimension in:mm



El transmisor de presión de diafragma ITA1800 es un producto que se caracteriza por su alta resistencia a la temperatura, amplio rango y alta precisión. Es ampliamente utilizado en pruebas de presión de gases y líquidos, como agua, petróleo, líquidos y gases peligrosos. El núcleo de diafragma tiene una capa de aislamiento sobre el núcleo mediante un método químico. Luego, el puente de Wheatstone del tipo diafragma metálico y la compensación de temperatura se rocian sobre el cuerpo aislado. Por último, cubra una capa de material aislante sobre la resistencia del diafragma metálico. El puente de Wheatstone del diafragma metálico se deformará de acuerdo con la deformación del núcleo, que se ve afectada por la presión y dará una salida lineal.

ITA1800 Order Ref NO

ITA1800-A4-100-K- 0.25- H- GF- 1.0

A B C D E F G

A Output	B Measurement range	C Unit of measure	D Accuracy	E Electrical connector	F Pressure connection	G Cable length(m)
A4=4~20mA		K=kPa	0.25=±0.25%F.S	H=DIN43650-A	GF=G1/4	
V0=0~5V		M=MPa	0.5=±0.5%F.S	GX=GX16-7	GM=G1/4 male screw	
V1=1~5V		P=psi		C=Cable	M=M20×1.5	
V10=0~10V		B=bar	CW=Waterproof joint qualification		RG=Φ8 air faucet	

Specification

General	Value		
Measuring Range	0~1.....2000bar		
Overload capability	2 times full scale		
Burst pressure	4 times full scale		
Accuracy	±0.1%F.S、 ±0.25%F.S、 ±0.5%F.S		
Stable	typically 0.25%F.S per year, 0.4%F.S(Max) per year		
Medium temperature range	- 50°C~150°C (- 50°C~230°C is available on request)		
Compensated Temperature	- 20°C~120°C		
Medium	Liquids and gases, compatible with stainless steel1Cr18Ni9Ti		
Electrical overview	2 wire	3 wire	4 wire
Output	4~20mA	0~20mA 0~10mA	0~5/10V
Power Supply	12~30VDC	12~30VDC	12~30VDC
Load	(U-10) /0.02(Ω)	(U-10) /0.02(Ω)	> 20K(Ω)
Insulation reistance	> 100M(Ω)@50V		
Insulation voltage	500V@60 second		
Vibration /Constant shock	10g/5~2000Hz, axes X/Y/Z20g sine 11ms		
Life	2×10 ⁶ cycles @25°C		
Electrical Connection	DIN43650C, M12 Series, Packard, Cable		
Pressure connection	M20×1.5、 G1/4、 G1/2、 R1/2、 NPT1/2、 NPT1/4		
Pressure Type	Guage,Seal Guage, Abosolute		
Electro Magnetic Compatibility	EN50081-1/-2, EN50082-2		