

ASIT ITALIA

PRESSURE GAUGE WITH MICRO SWITCH WEATHER PROOF TYPE

AI.PIS5000



DESCRIPTION

Proof Pressure to 40Mpa (400 kg/cm²) - Measuring Range: 0-(-1) kg/cm² / 1-400 kg/cm² available

TECHNICAL DATA

Dial Size: 4" or 6"

Accuracy: +/-2% F.S (on rising pressure)

Housing Material: SS304 and SS316 available

Protection Class: IP66

Lens: Safety glass

Blow-out: Back 25mm (1")

Pressure limited: over range protected 130% of full scale range

Span Range & Zero Adjustable

Process connection: 1/2"NPT(M) Bottom or Back connection; option with adaptor available

Electronic Connection: DIN43650, Universal plug connector; option with adaptor available

Switch Form: One setting point: SPDTx1 - Two setting points: SPDTx2 available

Set Point: Full scale range available

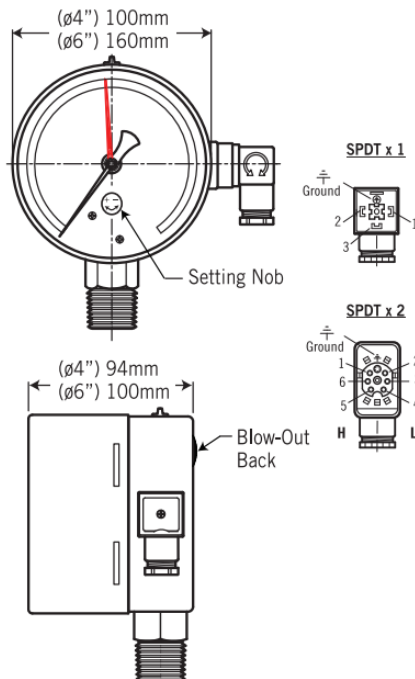
Switch Dead Band: Please Check the Range Selection table for SPDTx1 & SPDTx2

Switch Data:

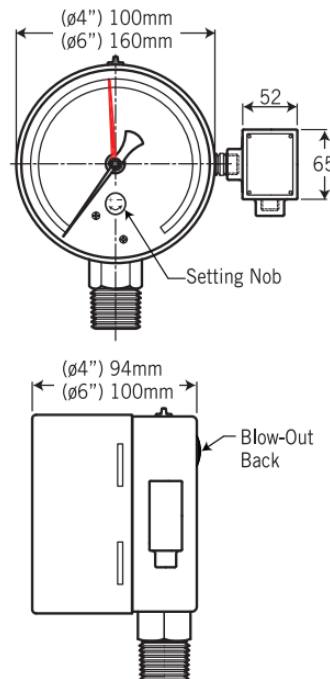
	AC Load	DC Load
Nominal Operating Voltage	250 VAC max.	28 VDC max.
Current	5A max.	5A max. (ohmic load) 3A max. (inductive load)
Contact Material	Pure silver 999.9	Pure silver 999.9
Ambient Temperature	-20°C~+70°C	-20°C~+70°C

DIMENSIONS

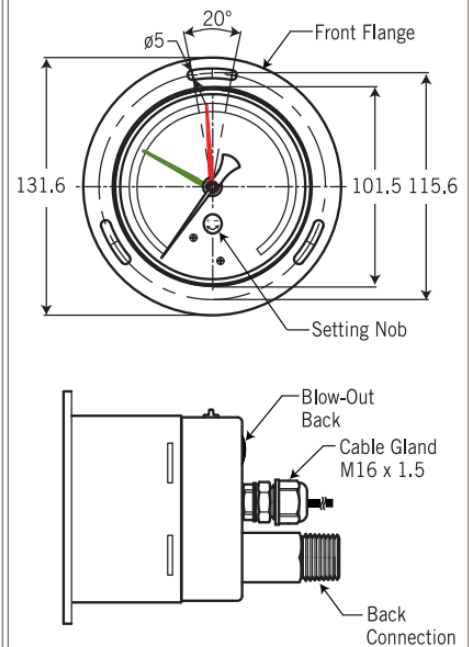
- 1. Connection Size:** 1/2"NPT male, Bottom
Conduit: Plug universal connector,
M20 x 1.5 cable connection



- 2. Connection Size:** 1/2"NPT male, Bottom
Conduit: 1/2"NPT female



- 3. Connection Size:** 1/2"NPT male, Back
Cable Gland: M16 x 1.5



NOTE.: Please contact with the manufacturer for the dimensions of 6" front flange.

RANGE SELECTION TABLE

Code	Range	Dead Band		Code	Range	Dead Band		Code	Range	Dead Band		Code	Range	Dead Band	
		SPDTx1	SPDTx2			SPDTx1	SPDTx2			SPDTx1	SPDTx2			SPDTx1	SPDTx2
000	0~(-1)	±2.5%		004	0~4	±2%	±4%	008	0~20	±2%	±2%	012	0~100	±2%	±2%
001	0~1	±2%	±5%	005	0~6	±2%	±2%	009	0~25	±2%	±2%	013	0~160	±2%	±2%
002	0~1.6	±2%	±4%	006	0~10	±2%	±2%	010	0~40	±2%	±2%	014	0~250	±2%	±2%
003	0~2.5	±2%	±4%	007	0~16	±2%	±2%	011	0~60	±2%	±2%	015	0~400	±2%	±2%

NOTE.: 1. Scale Unit: MPa, Kg/Cm², Bar available

2. 1 bar= 0.1 MPa, 1 bar= 1.01972 kg/cm², 1 Pa= 1 x 10⁻⁶ MPa, 1 MPa= 10.197 kg/cm²

3. Negative pressure only "one setting point" available.

ORDERING INFORMATION

PIS5000	Code	Dial Size					
	A	ø4"	B	ø6"			
	Code	Type					
	1	Bottom Connection Type		2	Back Connection Type (panel mounting)		
	Code	Process Connection - Male Thread					
		(1) ½"BSP(PF)		(2) ½"NPT		(3) Option (with adaptor)	
	Code	Conduit Connection					
	A	½"NPT female					
	B	DIN 43650 (one setting point)					
	C	Plug universal connector, M20 x 1.5 cable connection (two setting point)					
	D	Cable Gland M16 x 1.5 (for back connection, panel mounting only)					
	Code	Material					
	S	SS316					
	Code	Micro Switch					
	1	One setting point SPDT x 1					
2	Two setting point SPDT x 2						
Code	Measuring Range						
	Please refer to the Range Selection Table and fill in the request range.						
PIS5000							Complete Ordering Code



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Company with
Certificate of Quality
System ISO 9001:2015
Cert n°38785/19/S