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HS602 Intelligent Pressure Calibrator

HS602 Intelligent Pressure Calibrator has the double-line large screen with backlight. It can meet customers' requirement in the 6-digit display and 9 pressure units. It provides pressure measurement for calibrating pressure (differential pressure) transmitters, precision (general) pressure gauges and other pressure instruments. It has been used in the industries of power, chemical, petrol, metallurgy, metering, etc.

Features

- Equipped with rugged ABS plastic
- Pressure-transmitting medium including air, oil, and water
- 6-digit LCD screen with backlight
- Nine pressure units selectable
- Zero point, full scale calibration function
- 7.4Vdc rechargeable lithium battery and special charger
- Overload and short circuit protection
- Light weight, small size, easy operation
- Rapid in operation, compatible with computer software
- Support Hart Version 5
- With max and min values function
- CE&EX approved

Specifications

- Range:(-1-0)bar,(0-2500)bar,(See the pressure ranges selection sheet)
- Accuracy:±0.025%F.S,±0.05%F.S

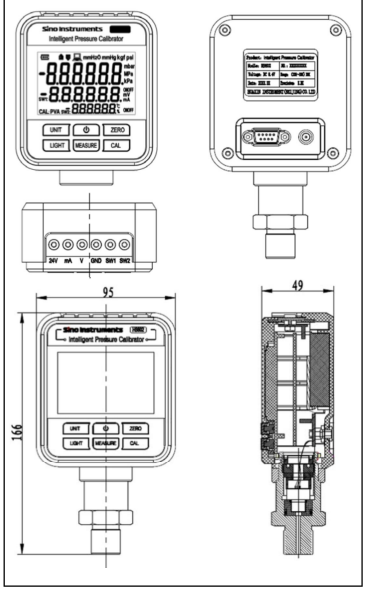
  Current measurement: (0-25)mA

  Accuracy:±(0.02%R.D+0.005%F.S)

  Voltage measurement: (0-25)V

  Accuracy:±(0.02%R.D+0.005%F.S)
- Temperature compensating range:(-10-50)℃
- DC output:DC24V(≤30mA) Accuracy: ±1%F.S
- Power supply:7.4Vdc Lithium battery power supply and special charger
- Connection:M20×1.5 or 1/4"NPT male thread
- Dimensions:Φ95mmx49mm.
- Total Height:166mm
- Weight:0.75kg

Sectional Drawing



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Pressure ranges selection sheet

Gauge pressure				
No.	Pressure Rang		Accuracy	Media
	(psi)	(bar)		
HS602-1	(0~10)	(0~0.7)	0.025,0.05	G
HS602-2	(0~15)	(0~1)	0.025,0.05	G
HS602-3	(0~30)	(0~2)	0.025,0.05	G,L
HS602-4	(0~60)	(0~4)	0.025,0.05	G,L
HS602-5	(0~100)	(0~7)	0.025,0.05	G,L
HS602-6	(0~200)	(0~14)	0.025,0.05	G,L
HS602-7	(0~300)	(0~20)	0.025,0.05	G,L
HS602-8	(0~500)	(0~35)	0.025,0.05	G,L
HS602-9	(0~600)	(0~40)	0.025,0.05	G,L
HS602-10	(0~1000)	(0~70)	0.025,0.05	G,L
HS602-11	(0~2000)	(0~140)	0.025,0.05	G,L
HS602-12	(0~3000)	(0~200)	0.025,0.05	G,L
HS602-13	(0~5000)	(0~350)	0.025,0.05	G,L
HS602-14	(0~6000)	(0~400)	0.025,0.05	G,L
HS602-15	(0~10000)	(0~700)	0.025,0.05	G,L
HS602-16	(0~15000)	(0~1000)	0.025,0.05	G,L
HS602-17	(0~24000)	(0~1600)	0.05	G,L
HS602-18	(0~37000)	(0~2500)	0.05	G,L

Compound pressure				
No.	Pressure Rang		Accuracy	Media
	(psi)	(bar)		
HS602-19	(-0.4~0.4)	(-0.025~0.025)	0.025,0.05	G
HS602-20	(-0.8~0.8)	(-0.05~0.05)	0.025,0.05	G
HS602-21	(-1.5~1.5)	(-0.1~0.1)	0.025,0.05	G
HS602-22	(-6~6)	(-0.4~0.4)	0.025,0.05	G
HS602-23	(-15~15)	(-1~1)	0.025,0.05	G

Remark:
1.G=Gas,L=Liquid
2.Pressure Port :1/4"NPT male

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