

Digital pressure transmitter controller Model MDI8

Description

MDI8 digital pressure controller combine pressure measuring, display, control & transmit together. Can be easy installed to measuring pressure at the scene .It can set the zero output ,span output, pressure of contact point and control pressure with key at scene.

Application

- Machine tools
- Hydraulics and pneumatics
- Pumps and compressors
- Machine building

Special features

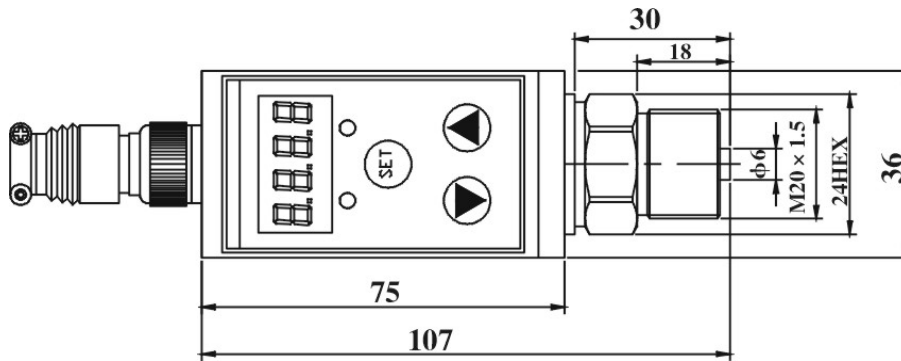
- 4 digit display the current pressure value
- Set on-off point of relay by pressure and delay switch output
- On-off point of relay can be setted arbitrarily between zero and span
- Shell have action with LED nodes, for observation
- Button and adjust set the various parameters at the scene, easy to operate
- 2-way switching output, with carrying capacity of 1.2A
- Analog output 4~20mA



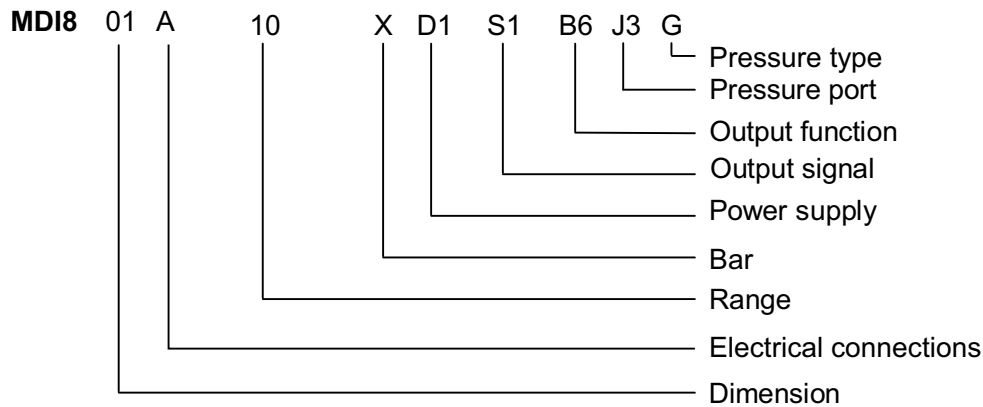
Specification

Measurement Range	-0.1 ... 0~100mbar ... 1000bar
Proof pressure	≤1.5X rated pressure
Pressure type	Gauge, absolute ,sealed gauge
Accuracy	± 0.25 (typical) ±0.5% (Max.)
Long stability	±0.3%F.S/year
Temperature Error-Zero	±0.03%F.S ≤100KPa ±0.02%F.S (>100KPa)
Temperature Error- Span	±0.03%F.S ≤100KPa ±0.02%F.S (>100KPa)
Operating Temperature Range	-20℃ ~80℃
Storage Temperature Range	-40℃ ~120℃
Power supply	24VDC 220VAC
Output signal	Analog output :4 ~20mA;Digital output :RS485
Pressure port	M20×1.5 G1/2 or customize
Relay control	1~ 4 way relay controller switch value control
Life of contact point	More than 100000 times
Display	-1999~ 9999
Housing material	1Cr18Ni9Ti stainless steel
Diaphragm material	316L
Oring	Fluororubber
Cable	Polyethylene
Insulation resistance	100MΩ 100VDC
Protection	IP65

Dimension(Unit: mm)



Ordering example : MDI8 01-A-10-X-D1-S1-B6-J3-G



Ordering note

- Media must compatible with wetted part.
- When release order, please mark :power supply, accuracy,number of control point and whether need Rs485 interface.
- To ensure the products can working reliable,we suggest that customer install lightning protection device and make sure products & power are earthed.
- Special requirement ,such as strong shock, moment vibration, strong electromagnetism,radio frequency interference ,please consult us.

Ordering information

MDI8	Intelligent pressure controller		
	Code	Dimension	
	01	Ø 100 profile, Stainless steel body	
	02	Ø 150 profile cast Aluminium housing	
	03	Ø 117 profile explosion-proof housing	
	Electrical Connection		
	A	Circular connector	
	B	Din connector	
	C	Direct outlet 1.5 meter	
		Range	-0.1 . . . 0 . . . 1000Bar
		(0-X) Psi or Bar	X: actual range
		Code	Power supply
		D1	24VDC
		D2	220VAC
		Code	Output signal
		S1	4~20mADC
		S2	1~5VDC
		S3	0~5VDC
		S4	0~10mADC
		Code	Output function
		B5	One-way relay
		B6	Two-way relay
		B7	Three-way relay
		B8	Four-way relay
		B9	Four-way relay RS485 interface
		B10	One-way relay switching value output
		B11	Two-way electron switch value
		Code	Pressure port
		J1	M20×1.5 Male
		J2	G1/2 Male
		J3	G1/4 Male
		J4	others
		Code	Pressure type
		G	Gauge pressure
		A	Absolute pressure
		S	Sealed gauge



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