

Medium temperature	-40°C~+85°C
Storage temperature	-40°C~+125°C
Temperature compensation	-10°C~+70°C
Long-term stability	± 0.2%FS/year
Allow overload	300%FS
Breaking pressure	500%FS
Shock (11ms)	100g
Zero temperature drift	± 0.02%FS/°C
Full scale temperature drift	± 0.02%FS/°C
Pressure port	M20*1.5, G1/4, NPT1/4 (customizable)
Electrical connections	M12 connector, direct outlet, Packard connector, large/small Hessmann (customizable)
Degree of protection	IP65
Material	17-4PH (probe) + 304 stainless steel electric warehouse



Important statement

Thank you very much for choosing our products, we will serve you sincerely forever. The company pursues excellent quality and pays more attention to excellent after-sales service.

Operation errors will shorten the life of the product, reduce its performance, and may cause accidents in severe cases. Please hand over this manual to the end user and read it carefully before using the product. And please keep it in a safe place for reference when needed. The company reserves the right to modify this manual due to product technology and process updates. If there is any change, no further notice will be given, and the final interpretation of this manual is reserved.

Product overview

The pressure series products produced by our company are based on MEMS technology and adopt advanced glass micro-dissolution technology, thus avoiding the influence of temperature, humidity, mechanical fatigue and media on the products, and strengthening the sensor (transmitter) in the industrial environment. Long-term stability.

The pressure chamber adopts the overall processing technology of A 17-4PH stainless steel, no welding, no "O" ring, and no hidden danger of leakage. The transmitter has a built-in digital circuit with strong resistance to radio frequency and electromagnetic interference and automatic temperature compensation, It has the characteristics of strong anti-interference ability, wide working range and good long-term stability.

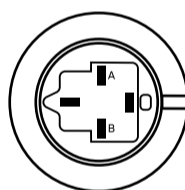
Features

- Easy installation and strong versatility
- Efficient lightning protection, strong resistance to radio frequency and electromagnetic interference protection (transmitter)
- Anti-surge and polarity reverse protection (transmitter)
- Excellent impact resistance, overload resistance, vibration resistance and corrosion resistance
- Advanced temperature digital compensation function, wide working temperature range, etc

Technical indicators

Range	0-6...Bar (gauge pressure)
Output signal	4-20mA, 0.5-4.5VDC, 0-5VDC, 0-10VDC
Precision	±0.5%FS, ±1%FS
Signal line specifications	2Wire (4-20mA), 3Wire(0.5-4.5VDC, 0-10vdc)
Supply voltage	9-30VDC(4-20mA, 0-5VDC), 5VDC (0.5-4.5VDC), 15-30VDC (0-10VDC)

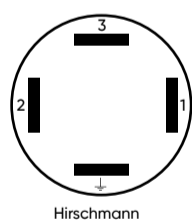
Electrical interface and wiring method



4-20mA 2-Wire	A	+Vcc	Red
	B	+Iout	Black
0.5-4.5VDC 1-5VDC	A	+Vcc	Red
0-5VDC	B	GND	Black
0-10VDC 3-Wire	C	+Vout	Green

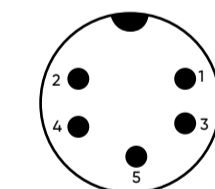
Packard connector

Direct outgoing method



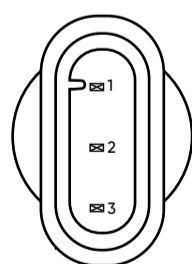
4-20mA 2-Wire	1	+Vcc	Red
	2	+Iout	Black
0.5-4.5VDC 1-5VDC	1	+Vcc	Red
0-5VDC	2	+Vout	Green
0-10VDC	3	GND	Black
3-Wire	4	+Shield	Bare

Hirschmann



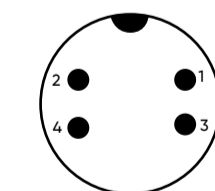
4-20mA 2-Wire	1	+Vcc	Red
	3	+Iout	Black
0.5-4.5VDC 1-5VDC	1	+Vcc	Red
0-5VDC	2	+Vout	Green
0-10VDC	3	GND	Black
3-Wire	5	+Shield	Bare

Aviation plug connector



4-20mA 2-Wire	2	+Vcc	Red
	3	+Iout	Black
0.5-4.5VDC 1-5VDC	1	+Vcc	Green
0-5VDC	2	GND	Black
0-10VDC	3	+Vcc	Red

AMP connector



4-20mA 2-Wire	1	+Vcc	Brown
	3	+Iout	Blue
0.5-4.5VDC 1-5VDC	1	+Vcc	Brown
0-5VDC	2	+Vout	White
0-10VDC	3	GND	Blue

M12 connector

Wiring definition	Serial number	Definition	
Current output	1	Output	Iout+
	2	Powered by	+Vcc
	3	Hanging in the air	/
	4	Hanging in the air	/
Voltage output	1	Negative power supply	GND
	2	Powered by	+Vcc
	3	Hanging in the air	/
	4	Output	Vout+