

PRESSURE TRANSMITTERS

CODE 5501-□□□□□

IP65
WATERPROOF (HIRSCHMANN)

IP67
WATERPROOF (STRAIGHT OUT)

- Compact structure design, small appearance, easy to install
- Digital circuit design, good appliance compatibility
- High-performance diffusion silicon sensor for high sensitivity
- Good long-term stability and high precision
- Circuit adopts anti-frequency interference design, stable output signal
- Anti-reverse connection protection
- 304 stainless steel material



5501-A2C2E1M1P3R11

Accuracy

A1	0.25%FS
A2	0.5%FS

Mating connection

M1	hirschmann
M2	aviation Plug
M3	straight out

Thread connection

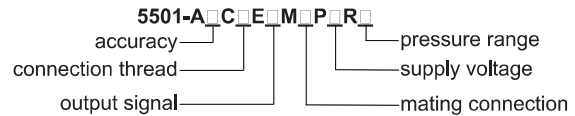
C1	M20*1.5
C2	G1/4
C3	G1/2
C4	NPT1/4
C5	NPT1/2

Supply voltage

P1	5V DC
P2	24V DC
P3	12-28V DC
P4	3.3V DC

Output signal

E1	4-20mA
E2	RS485
E3	0-10V
E4	0-5V
E5	0.5-4.5V



Positive pressure range

R1	(0~0.1)bar
R2	(0~0.16)bar
R3	(0~0.25)bar
R4	(0~0.4)bar
R5	(0~0.6)bar
R6	(0~1)bar
R7	(0~1.6)bar
R8	(0~2.5)bar
R9	(0~4)bar
R10	(0~6)bar
R11	(0~10)bar
R12	(0~16)bar
R13	(0~25)bar
R14	(0~40)bar
R15	(0~60)bar
R16	(0~100)bar
R17	(0~160)bar
R18	(0~250)bar
R19	(0~400)bar
R20	(0~600)bar

Vacuum pressure range

R21	(-0.5~0)bar
R22	(-1~0)bar

Compound pressure range

R23	(-0.1~0.1)bar
R24	(-0.25~0.25)bar
R25	(-0.5~0.5)bar
R26	(-1~1)bar

Absolute pressure range

R27	(0~1)bar.a
R28	(0~1.6)bar.a
R29	(0~2)bar.a
R30	(0~2.5)bar.a
R31	(0~3)bar.a
R32	(0~4)bar.a
R33	(0~5)bar.a
R34	(0~6)bar.a
R35	(0~10)bar.a
R36	(0~16)bar.a
R37	(0~20)bar.a
R38	(0~25)bar.a

Code example:

5501-A2C2E1M1P3R11	A2-accuracy 0.5%FS
	C2-connection thread 1/4G
	E1-output signal 4~20mA
	M1-hirschmann mating connection
	P3-supply voltage 12-28V DC
	R11-pressure range (0~10bar)

SPECIFICATION

Overload pressure	≤100bar 200%; >100bar 150%
Response time	≤5ms
Long-term stability	±0.25%/year
Working temperature	-20~80°C
Protection class	IP65 (hirschmann); IP67 (straight out)
Measurement medium	measurement medium is compatible with 316L stainless steel gas or liquid
Shell material	304 stainless steel
Weight	200g