

SS201 series low cost 4-20mA pressure transmitters

Features

- CE conformity
- O-ring sealing inside
- Low cost and high quality
- Compact, rugged construction
- Stainless steel 316L diaphragm
- -20~105°C wider working temperature
- Vented gauge, sealed gauge, absolute pressure
- A wide range of pressure and electrical connections



Stainless steel 316L diaphragm
Stainless steel sensor used inside

Parameters

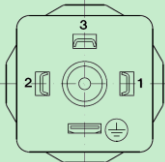
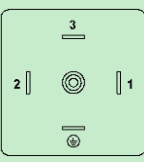
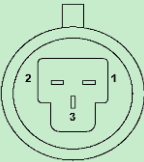
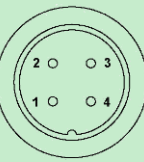
Supply voltage	9...30VDC
Output signal	4...20mA
Measuring range	0...1bar to 400bar
Proof pressure	2.0 × F.S.(≤ 250 bar)
	1.5 × F.S.(> 250 bar)
Accuracy	1%F.S. @25°C
	3%F.S. @-20 → 105°C
Operating temp	-20 → 105°C

Mechanical configurations

Pressure connection	See Ordering information in page 3
Electrical connection	GSP311, DIN43650C, 3-pin Packard, M12*1
Sealing rating	IP65
O-ring	Viton
Housing	Stainless steel 304
Diaphragm	Stainless steel 316L

Electrical connections

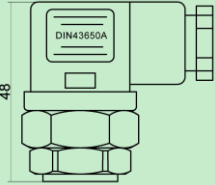
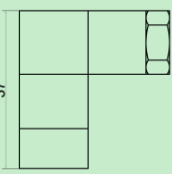
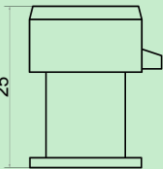
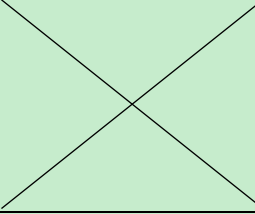


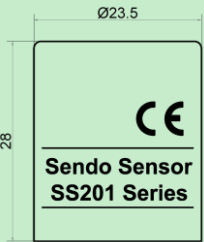
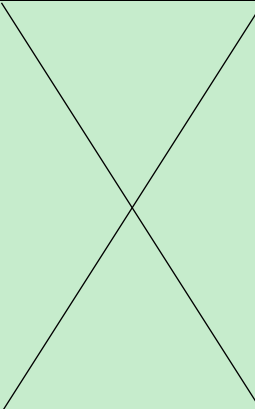
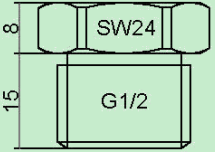
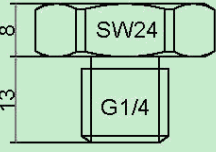
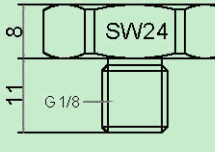
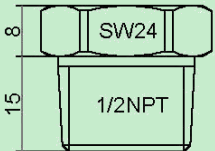
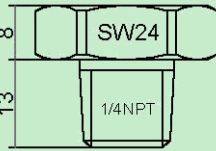
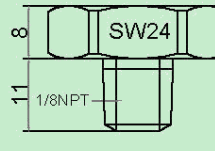
	PIN connections (GSP311, DIN43650C, 3-pin Packard, M12*1)	Wire connections
4-20mA Current output signal (2 wire)	Pin 1: + supply Pin 2: + output Pin 3: Not used Earth: Not connected	Red: + supply Black: + output

GSP311	DIN43650C	3-pin Packard	M12*1
			

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Drawings

Dimensions(Unit: mm)

Electrical connections			
GSP311	DIN43650C	3-pin Packard	
			
Direct cable	M12*1		
			
Housings			
Housing(typical)			
			
Pressure connections			
G1/2" thread	G1/4" thread	G1/8" thread	
			
1/2"NPT thread	1/4"NPT thread	1/8"NPT thread	
			

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Ordering information

EXAMPLE: [SS201 PF 01 A 03 A 06](#)

1	Pressure range(bar)	PF
	NA(-1...0) PA(1.0) PB(1.6) PC(2.5) PD(4.0) PE(6.0) PF(10) PG(16) PH(25) PI(40) PJ(60) PK(100) PL(160) PM(200) PN(250) PO(400) CA(-1..0.6) CB(-1...1.5) CC(-1...3) CD(-1...5) CE(-1...9) CF(-1..15) CG(-1...24) X(Other pressure range or unit is on request)	
2	Pressure type	01
	01(Gauge) 02(Absolute)	
3	Electrical connection	A
	A(GSP 311) B(Direct cable) C(M12*1) D(DIN43650C) E(3-pin round Packard)	
4	Pressure connection	03
	01(1/4"NPT) 02(1/2"NPT) 03(1/8"NPT) 04(G1/4") 05(G1/2") 06(G1/8") 07(PT1/4") 08(PT1/2") 09(PT1/8") 10(M10*1) 11(M10*1.25) 12(Other pressure connection is on request)	
5	Signal & supply	A
	A(4-20mA & 9-30Vdc)	
6	Cable length	06
	01(1m) 02(2m) 03(3m) 04(4m) 05(5m) 06(None) 07(Other length is on request)	