

## 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

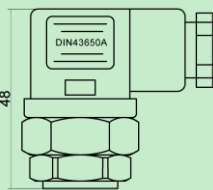
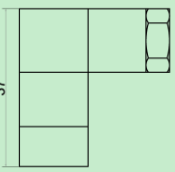
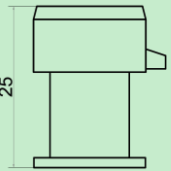
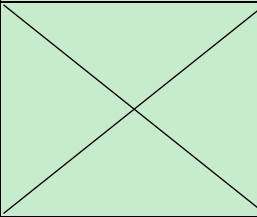


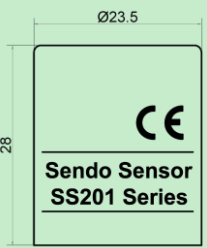
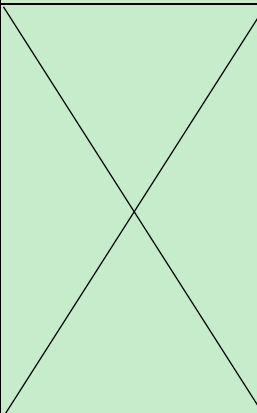
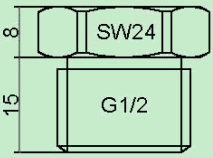
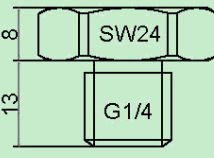
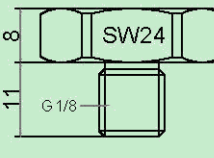
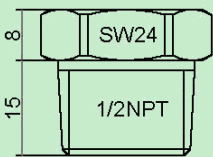
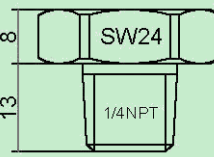
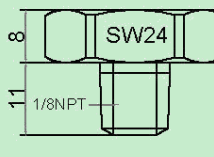
GSP311	DIN43650C	3-pin Packard	M12*1

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## Drawings

# ELECTROEM

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)	



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