

Hydrostatic Level Transmitter

Special Features:

- Low Cost OEM
- Inbuilt Temperature Compensation
- Crevise Free Stainless Steel Construction
- No Seals or O-Rings
- Compact Version
- Surge Protection, Reverse Voltage Protection to 36V DC



Applications:

S3300 Hydrostatic Level Transmitters with Compact Design are used for various applications for Level Measurement in Aviation Industry, Pharmaceuticals, Refrigeration and HVAC Controls, Process Control, Motor Fuel Control, Water Pressure Monitoring and High end industrial machinery.

Performance Specifications:

Pressure Range	: 5 mBar ~ 40 Bar
Accuracy	: $\pm 0.25\%$
Operating Temp.	: - 40°C to 125°C
Compensated Temp.	: - 20°C to 85°C
Proof Pressre	: 2X
Burst Pressure	: 5X
Input Voltage	: 12 - 36 VDC
Output	: 4-20 mA , 0-10V , 0-5V, 0.5-4.5V Ratiometric, 1-5V

Wetted Parts	: 17-4 PH SS
Diaphragm	: AISI 316L SS
Case	: AISI 304 SS
Connector	: Nylon 6/6
Media Compatibility	: All Materials compatible with Stainless Steel
Protection	: IP 65; IP68 (Cable Version)

	2 Wire	-3 Wire	3 Wire
Output	: 4 - 20mA	0.5 - 4.5V	0 - 10V
Excitation (V)	: 12 - 36V	4.75 - 5.25V	15 - 30V

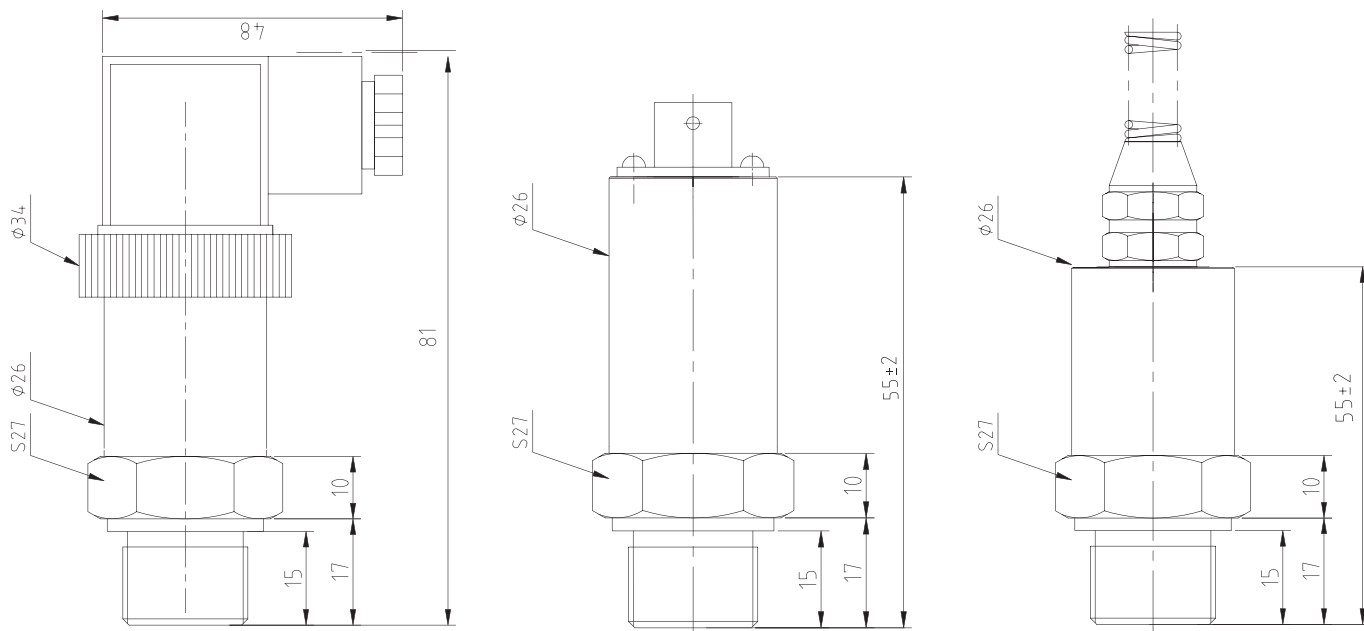
Standard Ranges:

RANGE (CM)	RANGE (CM)	RANGE (M)	RANGE (M)
0/5	0/10	0/1	0/1.5
0/15	0/20	0/2	0/2.5
0/25	0/50	0/3	0/3.5
0/75	0/100	0/4	0/5
0/150	0/200	0/6	0/7
0/250	0/300	0/10	0/12
0/350	0/400	0/16	0/18
0/500	0/600	0/20	0/25
0/750	0/1000	0/30	0/40

* Non Standard Ranges And Various Engineering Units Available On Request

Hydrostatic Level Transmitter

⚙️ Dimensions:



HOW TO ORDER

⚙️ Basic Model:

1 0.5 to 4.5V (ratiometric)
4 0 to 10V

2 4 - 20mA
5 0 to 5V

3 1 to 5V
6 0 to 100mV

S33

2

⚙️ Process Connection:

1 1/4" BSP (M)
4 1/4" NPT (M)

2 1/2" BSP (M)
5 1/2" NPT (M)

3 7/16" UNF (M)
7 1.5" Sanitary

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⚙️ Electrical Connection:

1 2ft Cable
4 Packard Metripak Connector

2 2ft Cable with IP68 Gland
5 Bendix

5 M12
6 Hirschman DIN 43650

6

⚙️ Level Range:

Please Refer to the range table

001

⚙️ Units:

C Centimeter
M Meter

M

⚙️ Pressure Type:

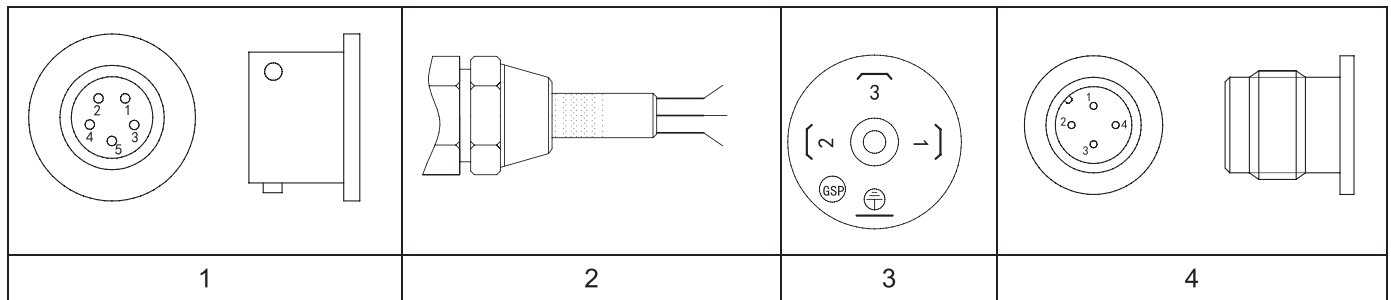
G Gauge Pressure

G

Ordering Example : S33 - 2 - 1 - 6 - 001 - M - G

Hydrostatic Level Transmitter

Connections:



Connector type	Function	Color	5PIN	Connector type	Function	Color	
5PIN connector 0-5V; 0-10V 0.5-4.5V, 1-5V	S+	Blue	1	Grand cable 0-5V; 0-10V 0.5/4.5V, 1-5V	S +	Blue	
	E+-	Red	2		E +	Red	
	E-/S-	Yellow/White	3		E-/S-	Yellow/White	
5PIN connector 1.5mV/V, 2mV/V 3.33mV/V	S+	Blue	1	Grand cable 1.5mV/V, 2mV/V 3.33mV/V	S+	Blue	
	E +	Red	2		E +	Red	
	S -	White	3		S -	White	
	E -	Yellow	4		E -	Yellow	
	C	Black	5		C	Black	
5PIN connector 4-20mA	E+	Red	1	Grand cable 4-20mA	E+	Red	
	S+	Black	2		S+	Black	
Connector type	Function	Color	4PIN	Connector type	Function	Color	4PIN
Hirschman 0-5V; 0-10V 0.5-4.5V, 1-5V	E+	Red	1	M12×1 connector 0-5V; 0-10V 0.5-4.5V, 1-5V	E +	Red	1
	S+	Blue	2		S +	Blue	3
	E -/S-	Yellow/White	3		E -/S-	White	4
Hirschman 4-20mA	E+	Red	1	M12×1 connector 4-20mA	E+	Red	1
	S+	Black	2		S+	Black	3