

SLS3210 Series split type liquid level transmitter

MAIN FEATURES

- With junction box for easy installation
- IP68 waterproof
- Live display
- Probe all welded structure



SPECIFICATION

ITEMS	PARAMETER
Range	0m~0.5m...300m
Overload capability	≤ 2 times full scale
Pressure Type	G (gauge pressure), A (absolute pressure)
Accuracy	0.1% (custom), 0.25% (typical), 0.5% (maximum)
Long-term stability	±0.1%FS/year (typical), ±0.2%FS/year (maximum)
Zero temperature drift	±0.03%FS/°C, ±0.02%FS/°C
Sensitivity temperature drift	±0.03%FS/°C, ±0.02%FS/°C
Compensation temperature	0°C~50°C, -10°C~65°C
Working temperature	-30°C~65°C
Power supply	12~30VDC
Output Signal	4~20mA (superimposable HART protocol), 0~10V (output range can be customized), RS485
Load Resistance	Current type: ≤ (U-12) / 0.02 (Ω)
Explosion-proof grade	Ex d IIC T5 Gb
Protection level	IP68

TYPICAL TYPE

MODEL	FEATURE	OUTLINE CONSTRUCTION
SLS3211	<ol style="list-style-type: none"> <li>1. Explosion-proof junction box;</li> <li>2. The probe is fully welded;</li> <li>3. Optional 4 is LED/LCD display;</li> <li>4. Optional mounting flange.</li> </ol>	

ELECTRIC CONNECTION

Current type	Voltage type	RS485 type

**ORDER CODE**

<b>Code:</b>	A	-	B	-	C	-	D	-	E	-	F
<b>Model:</b>	SLS3211	-	5m	-	S	-	P1	-	L5	-	MA

Model	Code A
Standard structure type	3211
<b>Level Range(X=specific range)</b>	<b>Code B</b>
0m~0.5m...300m	X m
<b>Accuracy</b>	<b>Code C</b>
0.1% (custom)	C
0.25%(typical)	T
0.5%(standard)	S
<b>Cable material</b>	<b>Code D</b>
PVC	P1
Polytetrafluoro(PTEF)	P2
Polyethylene(PE)	P3
PUR	P4
Steel wire	S1
High temperature line	H1
Flame retardant cable	F1
Other customized	C

Cable length	Code E
1m	L1
5m	L5
....	...
300m	L300
<b>Output signal</b>	<b>Code F</b>
4mA~20mA (superimposable HART protocol)	MA
0V~10V (output range can be customized)	V1
RS485	RS
More customized	C

**Remarks:**

1. Please note that the measured medium is compatible with the product part of the contact medium when selecting the type. If you are not sure, please refer to the media compatibility table on the back cover of the instruction manual or consult our company.
2. Please indicate the appropriate measurement range and accuracy requirements when ordering. To ensure product stability and accuracy, it is recommended that the pressure transmitter range be selected based on 120% of the actual measured pressure range. The maximum pressure should be within the measurement range.
3. When ordering a transmitter with an LCD or LED meter, the power supply of the transmitter should be no less than 15VDC.
4. In order to ensure the reliable operation of outdoor products, users are advised to order transmitters equipped with lightning protection. Ensure that the product and power supply are reliably grounded during installation to reduce the probability of lightning damage to the transmitter.
5. When selecting digital display products, the working temperature range of the transmitter is -30°C~70°C.
6. The product is installed vertically on the field pressure interface, and the display level is facing the observer.
7. For medium containing silt sand, the transmitter head needs to take protective measures such as filtering measures to prevent the pressure measuring hole from being clogged or the particles from scratching the diaphragm.
8. When using in hazardous environment such as inflammable and explosive, please install safety barrier according to the regulations. The cable connection should be sealed and reliable. Tighten the junction box cover before powering up to ensure that the transmitter cavity is isolated from the environment. When cleaning, repairing or modifying parameters, the power must be completely removed, the transmitter removed, and moved to a safe environment for processing. On-site live operation is strictly prohibited.