

SRS01 Integrated Radar Level Transmitter

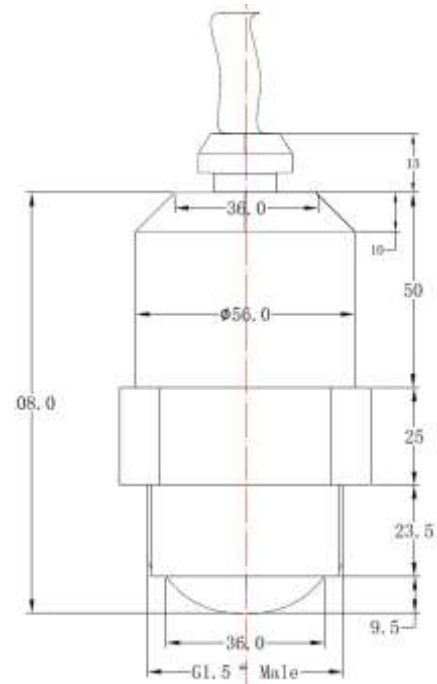


FEATURES

- Compact size**
- Built-in temperature compensation**
- 4-20mA, 3 wire output**
- RS485 modbus RTU**
- Anti-corrosive material**

APPLICATIONS

- Food and Beverages**
- Water/Wastewater**



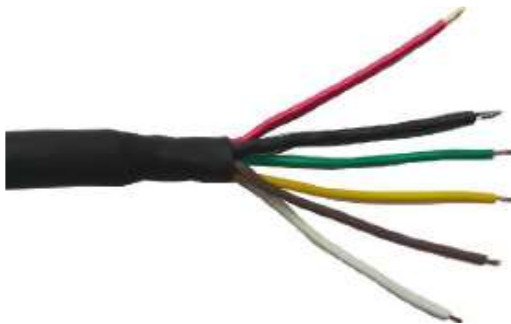
TECHNICAL PARAMETERS

No.	Item	Parameters	Remarks
1	Range available	0.3-10meters (max 65 m)	
2	Frequency	76GHz-81GHz	
3	Accuracy	± 1mm	
4	Beam angle	6°	
5	Power Supply	9-36VDC	
6	Communication	RS485 Modbus RTU	
7	Analog output	4-20mA ,3 wires	
8	Repeatability	<0.01%	
9	Response time	≤1.2s	
10	Dead zone	≤30cm	
11	Working temp.	-40℃-85℃	
12	Housing material	Polypropylene	
13	Protection	IP68	
14	Thread	G1.5 male thread	
15	Weight	460g ±5%	

SIER ELECTRONICS CO., LTD

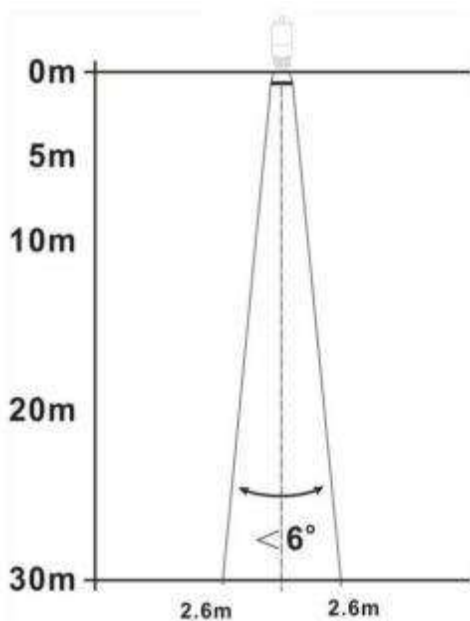
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WIRING INSTRUCTIONS



Red	V+(DC9V-36V)
Black	V-
Yellow	RS485A (485+)
Blue	RS485B (485-)
Green	mA+

DISTANCE FROM CENTER TO WALL(MAX.)



Beam Angle

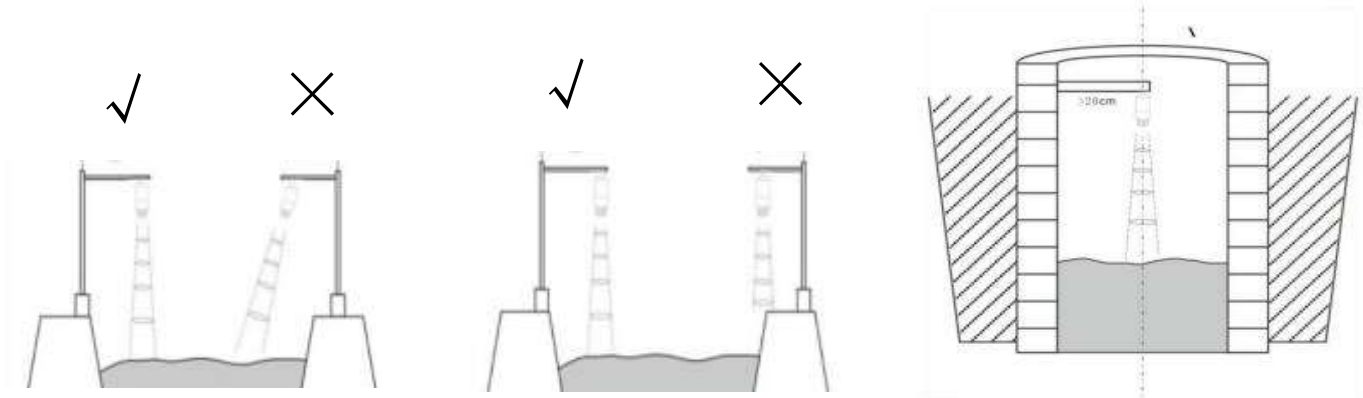
CAUTION

- A. After opening the product package, please check carefully whether the product appearance is intact, check whether the product manual is consistent with the product, and keep the product manual properly.
- B. The power supply wiring must pay attention to confirm the correct line sequence and the power supply used should be within the range specified in the manual.
- C. Try to keep the instrument away from sources of interferences.
- D. The probe head of the instrument and the probe surface vertical.
- E. The probe surface is contaminated by the test solution to be cleaned up in a timely manner.
- F. Such as not in accordance with the instructions or improper operation of man-made damage, not covered by the warranty.

ORDER CODE

SRS01-----A-----8-----R-----10
MATERIAL RANGE IN Output cable length in meter
P=PVDF meter R=RS485
S=SS304 R4=RS485+4/20mA
PP

Mounting Suggestion



1. The instrument should be mounted vertical to the water surface.
2. Keep the measurement range clear, no obstacle in front of the sensor
3. The instrument should be mounted at least 20cm distance from the wall surface.