

User's Manual

Supmea

Ultrasonic level meter

ZP

1

SUPMEA

가가

2

3

가

()

/

4

가

가 , 가

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/

/

가

가

1. - 4 -
2. - 5 -
3. - 5 -
4. - 6 -
5. - 8 -
6. - 10 -

1.

가

RS485

가

ABS

, RS485

2.

- DC12~24V
-
- 가
- 가
- 가
- 가 /
- 1~15 가

3.

- : 5m, 10m, 15m, 20m
- 가 : 0.4~1.8m ()
- : 0.3%FS
- : OLED
- : 1mm
- : 20~350KHz
- : 12~24Vdc
- : 1.5 W
- : 4~20mA (2wire)
- () : RS485
- () : (AC : 250V, 5A) / DC : 24V, 10A
- : ABS
- : 92mm x 198mm x M60/79mm x 300mm x DN80
- : M20X1.5
- : M60X2 or 61MM/DN80 ()
- :
- IP : IP65

4.

OLED

"A"

NO.	Parameter	Menu	Function	Parameter range	Default
1-1	Mounting	Mounting	Mounting	000000	m
2-1	Output	Analog	F0	000000	"0"
	4~20mA				
2-2	Output	Analog	FS	000000	
	4~20mA				
2-3	Output	Serial	Address		"001"
	() RS485				
2-4	Output	Serial	Band Rate		9600
	() RS485				
2-5	Output	Switch	NO.1 D		
	() 1 Relay				
2-6	Output	Switch	NO.1 H		
	() 1 Relay				
2-7	Output	Switch	NO.2 D		
	() 2 Relay				
2-8	Output	Switch	NO.2 H		
	() 2 Relay				
	- : (: (D) 3.000m / (H) 2.999m = 3m ,) - : (: (D) 1.000m / (H) 1.001m = 1m ,)				

NO.	Parameter	Menu	Function	Parameter range	Default
3-1	Display	Display Unit			m
3-2	Display	Reserved Decimal Number			"3"
3-3	Display	Contrast			"0"
3-4	Display	Display Delay			15
	가				
4-1	Probe	Filtering			Fast

: 4.326m

)

- "01 04 00 00 00 02 71 CB"

01 : Address

04 : function code

00 00 : Address of register

00 02 : The number or register

71 CB : CRC 16

)

- "01 04 04 40 8A 72 01 2A CE"

01 : Address

04 : function code

04 : 4 byte of returned data

40 8A 72 01 : (Floating point : F4321, 32bit)

2A CE : CRC 16

5.

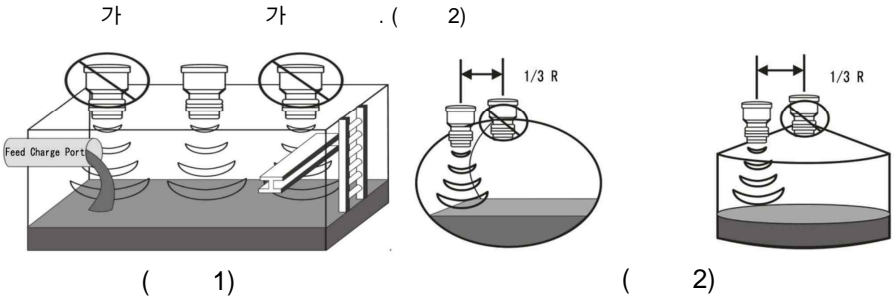
5.1

5.1.1

가 . (1)

5.1.2

가 .

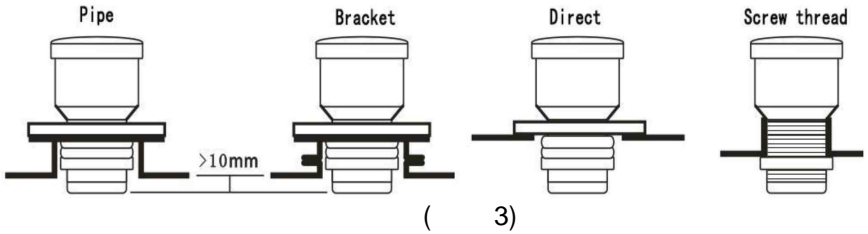


5.1.3

61mm (hole)

(hole)

. (3)

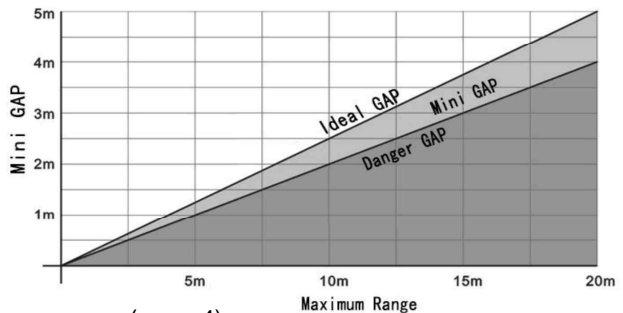
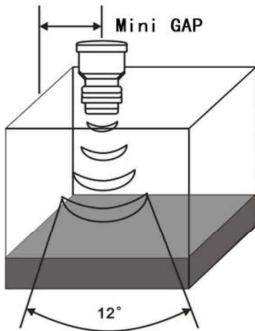


5.1.4

가

가 120mm

. (4)



5.2

5.2.1

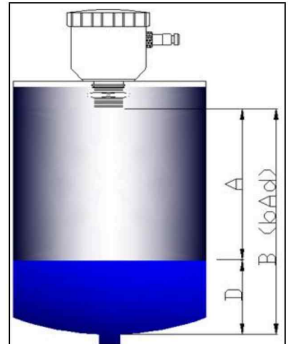
B : ()

A :

D :

$D = B () - A$

D :



(5)

5.2.2

"BD= 0 "

5.3

2 가

2 "Environment"

"Closed" ()

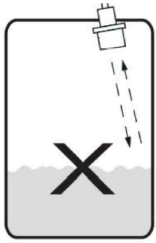
5.4

, DC 가

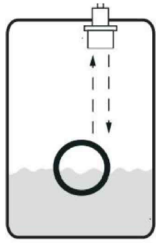
10

가

5.5



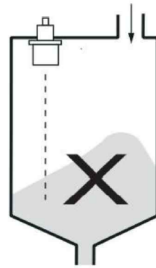
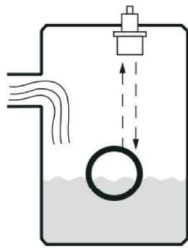
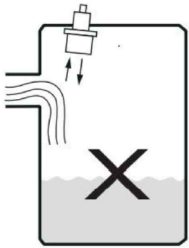
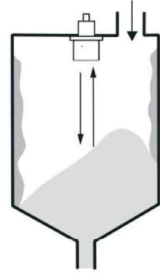
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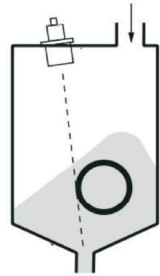
가 가 가



가



가



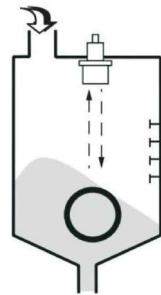
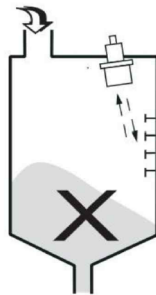
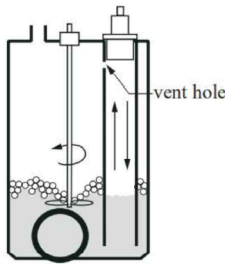
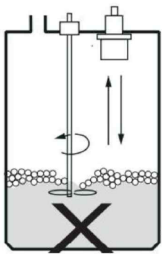
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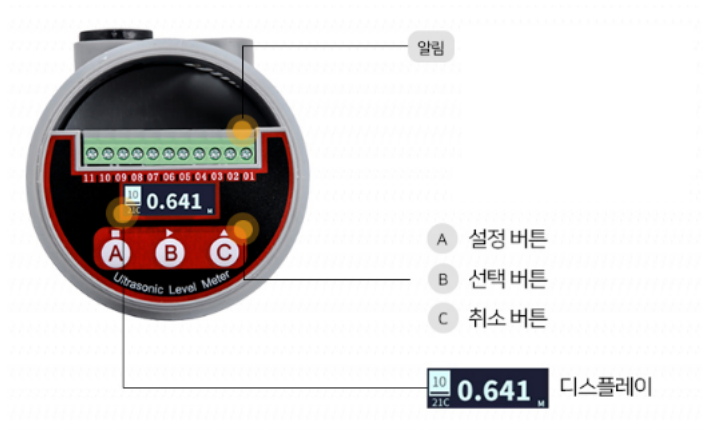
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6.



- 2wire ()

- 1.
- 2.
- 3.
- 4.
5. 24Vdc (+)
6. 4~20mA (2wire type)
- 7.
- 8.
- 9.
- 10.
- 11.

-3/4wire (RS485, Relay)

1. Relay1 COM
2. Relay1 Normal Open
3. RS485 A
4. RS485 B
5. 24Vdc (+)
6. GND
- 7.
- 8.
9. 4~20mA (3/4wire type)
10. Relay2 COM
11. Relay2 Normal Open

Supmea

Supmea Automation Co.,Ltd.