FLOWMA

WUL 200

ULTRASONIC LEVEL METER

WUL-200

SCR SET ▶ ENT/RUN

FLOWMASONIC

WIRATAMA ULTRASONIC LEVEL
CATALOG

FLOWMASONIC

GENERAL

It is intelligent non-touch level meter,the meter can auto-adjust power,control gain,temperature compensation,adopt advanced testing and computing technology,restrain
fuction against disturb signal,increased measure accuracy,ensure the true measure results.
widely applied in the measurement of different kinds of liquids and solid level,also for
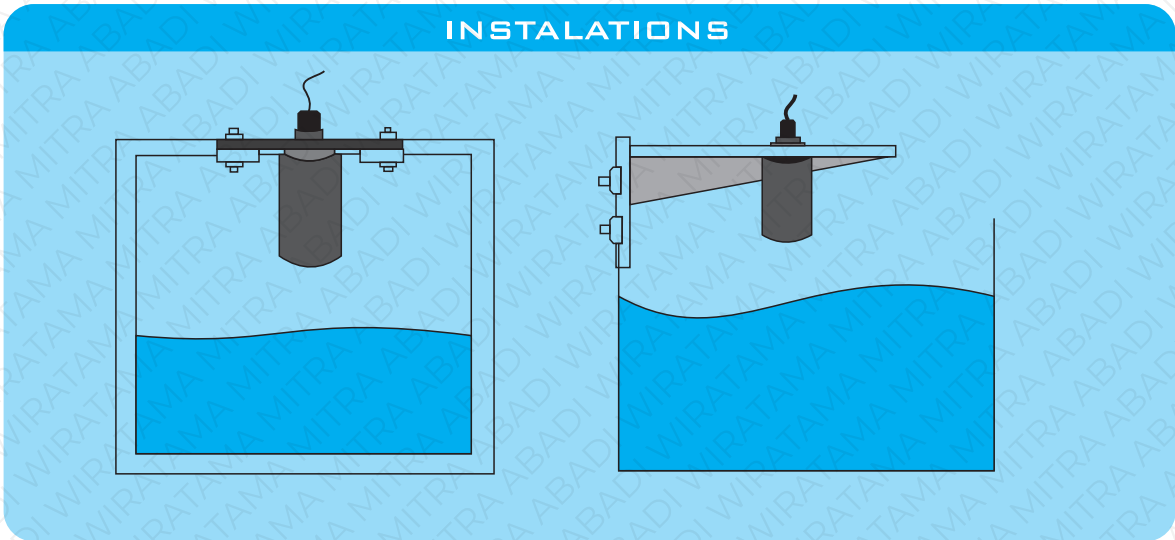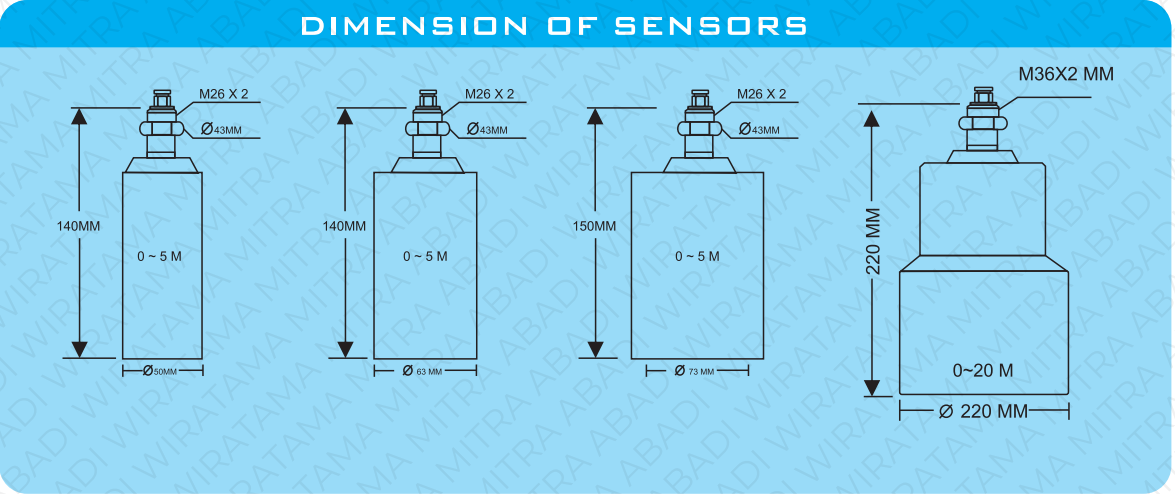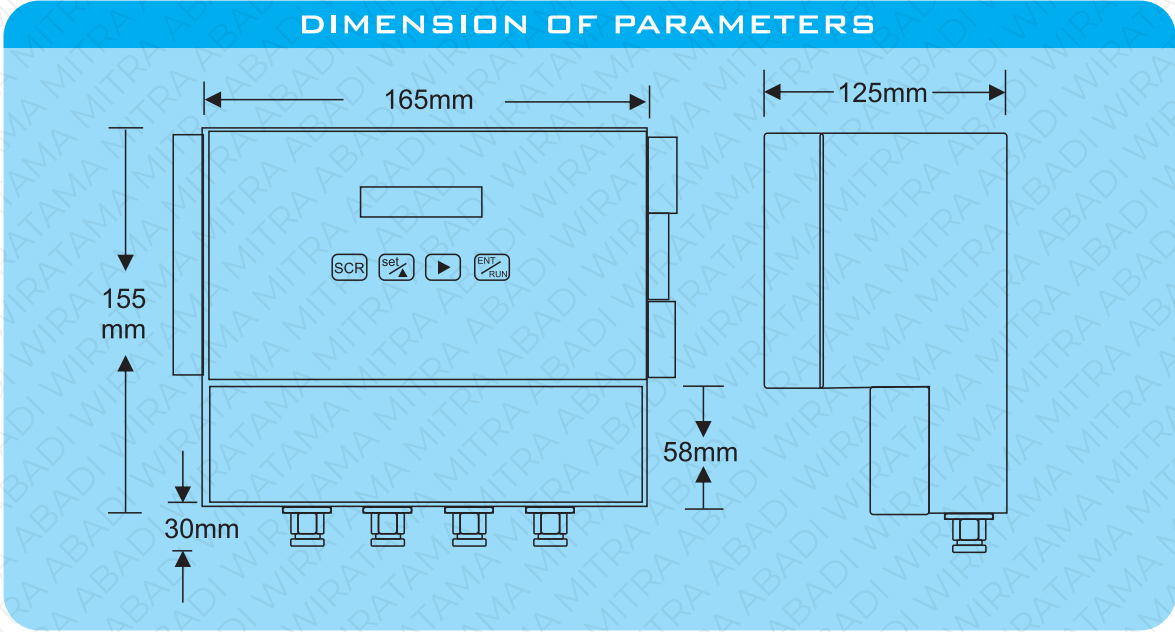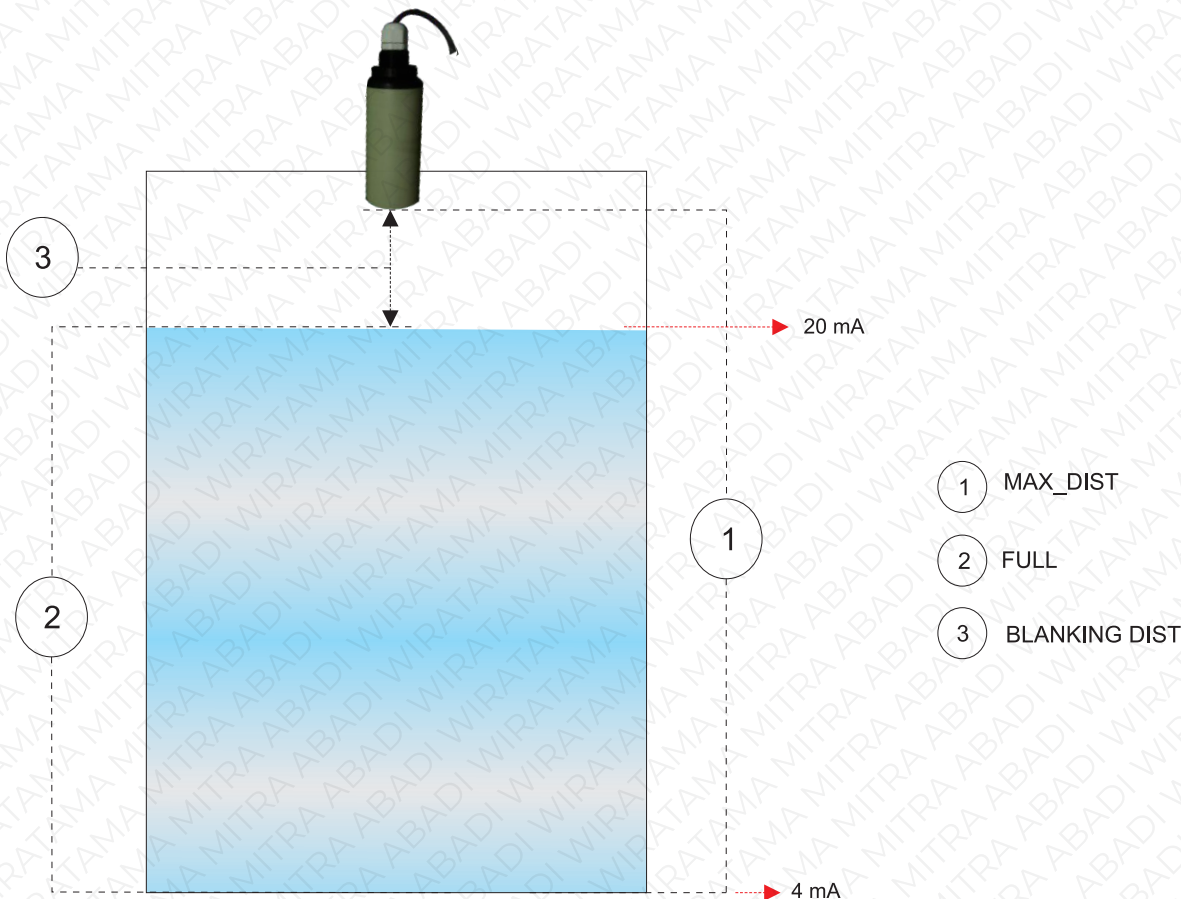the measurement of distance.

SPECIFICATIONS

Signal output	4-20MA (default) or RS485
power supply voltage	AC220V (default) or DC24V
control	4 line relay(2 up control, 2 down control)
Measure range	5,10,15,20,30,40,50m
accuracy	0.25%(range<20m), 0.5%(range>20m)
distinguishability	1mm(range<20m), 1cm(range>20m)
Dead zone(blanking distance)	0.3~1.5m
Display type	LCD 16x2,backlight
Display mode	Level, distance
Temparature	-20℃ ~ 80℃
ip	Transmitter : IP65 sensor : IP67

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FLOWMASONIC

DIMENSION OF PARAMETERS

165mm

125mm

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155 mm

58mm

30mm

DIMENSION OF SENSORS

M26 X 2
Ø43MM
140MM
0 ~ 5 M
Ø 50MM

M26 X 2
Ø43MM
140MM
0 ~ 5 M
Ø 63 MM

M26 X 2
Ø43MM
150MM
0 ~ 5 M
Ø 73 MM

M36X2 MM
220 MM
0~20 M
Ø 220 MM

INSTALATIONS

20 mA

4 mA

1   MAX_DIST

2   FULL

3   BLANKING DIST

Input password
3.user parameter interface: distance,full,blanking,data change ratio,setup of RS485,filtering times n,main display,up up control relay,up control relay,down down control relay,down contral relay:

MAX_DIST&FULL
05.00M   03.00M

(1)   MAX_DIST,FULL the data represent the exact value．Max_dist is between bottom of sensor and the point that setup with 4mA（normally the point is bottom of container）, FULL is between the bottom of container（setup with 4mA）and the point setup with 20mA(normally the point is the highest liquid level).

BLANKING DIST
30CM

(2)   Dead zone is the Mix distance between sensor bottom and measured level,in this zone,the meter can not work, normally the distance is 30CM

RATE & COM & n
20mm   01   03

(3)   RATE: Control of change rate of measured datas,the data display Max allowable change range of measured datas after each measurement,it is setup between 10~30mm,when it is set to 00mm,the meter convert to solid level mode. COM RS485 address setup．

filtering times：It is only workable under the solid mode when set to 00mm.this value is bigger ,then filtering ability is stronger,but at same time ,it lower the respond speed of meter.so normally the value is between 3-5.

```
DIST(0) LEVEL (1)
01 LEVEL+RELAY
```

(4) definite display content in main interface: user normally set it as 01.

```
HH:UP_ON>DW_OFF
  04.50M    04.00M
```

(5)   up up control relay (HH) data 1 is actuation control point data 2 release
control point (data 1) It conform to actuation control point is the same or more than
release control point (data 2)   when measured data is more than actuation point (data 1), up
control relay may actuatwhen measured data is less than release control point (data 2), up
control relay may release.

```
H:UP_ON>DW_OFF
  04.50M    04.00M
```

(6) up control relay (H) data 1 is actuation control point (data 2) release
control point.It conform to actuation control point is the same or more than release
control point. when measured data is more than actuation point (data 1), up control relay
may actuat. when measured data is less than release control point (data 2),up control
relay may release.

```
L:UP_ON>DW_OFF
  03.00M    03.50M
```

(7)   down control relay (L) data 1 is actuation control point (data 2)
release control point. It conform to actuation control point is the same or less than
release control point. when measured data is less than actuation point (data 1),up
control relay may actuat . when measured data is more than release control point
(data 2) ,up control relay may release

```
LL:UP_ON>DW_OFF
  03.00M    03.50M
```

(8)   down control relay(LL) data 1 is actuation control point data 2
release control point. It conform to actuation control point is the same or less than
release control point. when measured data is less than actuation point (data 1), up control
relay may actuat. when measured data is more than release control point (data 2), up
control relay may release.