Ultrasonic level meter

GaMicos

GUT780

DESCRIPTION

Ultrasonic level meter (for material and liquid level measurement) is a non-contact highly reliable and cost-effective material level measuring instrument which is easily installed and maintained. It can meet most of the material level measurement requirements without touching the medium. It is a new generation ultrasonic level meter with fully independent property rights developed by the company via years of hard work.

FEATURES

- Switch in both Chinese and English, Chinese and English display, simple operation, easy setting
- Wide range, the max. range can reach 60m
- Humanized design, can be shown distance and level at the same time
- By echo gram can determine the cause of the problem

APPLICATION

Applied in sewage tank, mixing tank, reaction kettle, Wells, tanks, rivers, reservoirs, water depth or liquid level measurement, etc.

SPECIFICATIONS

Function	Integrated Type	Separate Type
Measuring range	5m, 10m, 15m, 20m, 30m, 40m, 50m, 60m	5m, 10m, 15m, 20m, 30m, 40m, 50m, 60m, 70m
Measurement accuracy	0.5%-1.0%	0.5%-1.0%
Resolution ratio	3mm or 0.1% (whichever is greater)	3mm or 0.1% (whichever is greater)
Display	English LCD	English LCD
Analog output	4-line system, 4~20mA/ 510Ω load 2-line system, 4~20mA/ 250Ω load	4~20mA/ 510Ω load
Relay output	2 groups (i.e. AC 250V/ 8A or DC 30V/ 5A) optional, state programmable	2 groups for single channel and 4 groups for double channels (optional) AC 250V/ 8A or DC 30V/ 5A,state programmable
Power supply	Standard configuration: 24VDC Optional: 220V AC+15% 50Hz	Standard configuration: 220V AC+15% 50Hz Optional: 24VDC 120mA Customized: 12VDC or battery powered
Ambient temperature	Display instrument: -20~+60°C Probe: -20~+80°C	Display instrument: -20~+60°C Probe: -20~+80°C
Communication	485,232 communication (optional) (manufacturer agreement)	485,232 communication (optional) (manufacturer agreement)
IP grade	Display instrument: IP65, probe: IP68	Display instrument: IP65, probe: IP68
Probe cable	None	100m available, standard configuration: 10m
Probe installation	Select type based on measuring range and probe	Select type based on measuring range and probe

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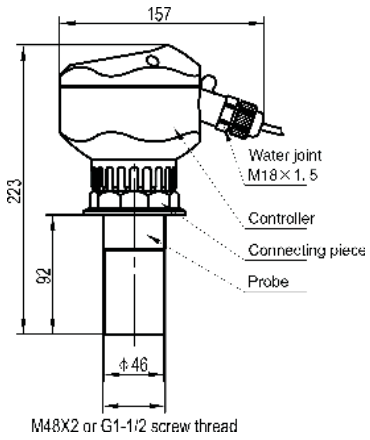
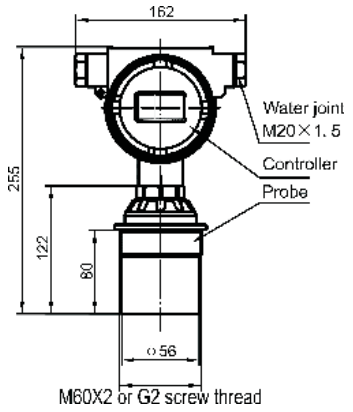
Product power consumption	The power supply of separate type is 24V power and the electricity consumed for such type is 100mA without relay, 120mA with a replay, 145mA with 2 relays, 170mA with 3 relays and 190mA with 4 relays. Specific power consumed is shown in below: 24×100mA=2.4W for separate type without relay; 24×120mA=2.9W for separate type with a relay; 24×145mA=3.5W for separate type with 2 relays; 24×170mA=4.1W for separate type with 3 relays; 24×190mA=4.6W for separate type with 4 relays;
Product power consumption	The integrated type with four-wire system is powered by 24V power supply and its electricity consumed is 80mA without relay, 105mA with a relay and 130mA with 2 relays. Specific power consumed is shown in below: 24×80mA=1.9W for integrated type without relay; 24×105mA=2.5W for integrated type with a relay; 24×145mA=3.1W for integrated type with 2 relays;
Product power consumption	The integrated type with two-wire system is powered by 24V power supply. It cannot be equipped with relay and its electricity consumed is 30mA. Specific power consumed is shown in below: 24×30mA=0.72W for integrated type without relay;

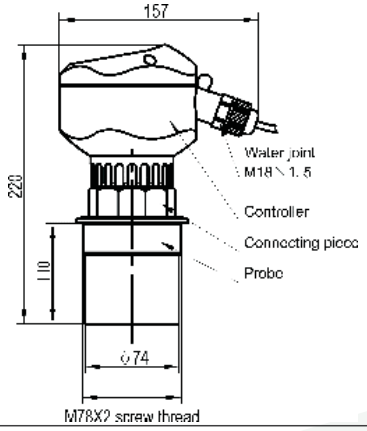
Dimension:



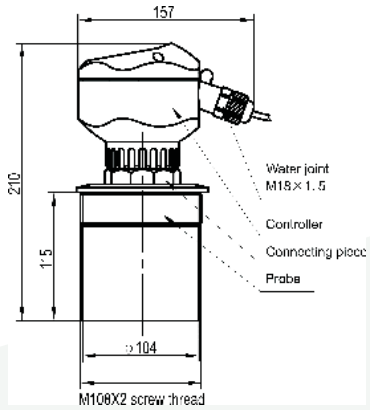
Thread M48×2 or G2 Sensor



Thread M60×2 or G2 Sensor



Thread M78×2 Sensor



Thread M108×2 Sensor