

KUS640 ultrasonic level/meter gauge operating instructions



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1.Product overview

KUS640 series intelligent ultrasonic level gauge/level sensor is a level gauge product with field display and 4-20mA remote transmission 485 remote transmission

2.Product feature

- ◆ Power supply: 24VDC, customized support 12-24VDC
- ◆ Special wide temperature LCD screen display (-30°C ~ 80°C);
- ◆ Vertical installation or axial installation, provide a variety of liquid level/level interface and interface materials;
- ◆ LCD with parameter quantization and three setting buttons.

3.Application

KUS640 series is used to indicate and monitor the change of water pressure/water level at the installation site, which is convenient for users to intelligently and centrally manage. It is mainly used in the following industries:

- Fire water systems
- Urban water supply
- Sewage treatment
- Long distance heating
- Food industry
- Chemical, energy

4.Technical specification

Input	
measured variable	liquid level、 material level
measuring range	150mm-1000mm (<i>Can be customized according to requirements</i>) 200mm-3000mm/300mm-6000mm/300mm-12000/600mm-20000mm/1.2m-30m/1.8-50m
Output	
comprehensive precision	RS485/4-20mA, ±1%FS/ 0.15°C
temperature compensation	-10°C~70°C
vibration effect	<±0.05%/g, 500Hz in all directions (符合 IEC 68 -2-64)
Rated conditions Environmental conditions	
environment temperature	-25~+85°C
storage	-40~+85°C

temperature	
level of protection	IP65, accord with EN 60529
electro magnetic compatibility	EN 61326/A2 Appendix A (2001)
Display and control	
display	SFTN LCD, green backlight, 5-digit display
limit value	free setting
parameter setting	Use 3 keys
units	mm, The default unit is mm
weight	about 1.35 kg
Non-wetted component material	
connector	1NPT, stainless steel, The length of 20 mm (materials and joint specifications can be customized) 。
electrical connection	waterproof joint, vent cable inlet in accordance with EN 175301-803A standard
measurement period	The default is $\leq 200\text{ms}$, which can be set by the user

Selection tips: For special requirements, please contact our company and indicate in the order.

matters need attention

1. If you need to calibrate the instrument, please contact our company. Non-professionals are not allowed to calibrate the instrument.
2. When calibrating the table, please make the table in the boot state first, and calibrate it after 1 hour of constant temperature.

Front panel indicator



Display layout with 4-20mA remote transmission

5. Order information

KUS	model	output	range		describe
	640				Product series Model
	customization				
		---			Independent display header without remote transmission
		4-20mA			4-20 mA remote transmission
		RS485			RS485 remote transfer (default)
			XXX mm		XXX mm means the maximum measurement distance of 1m -50 m can be customized
KUS	640	4-20mA	3000mm		