

TECHNOLOGY

HOLYKELL®

UE3008

LEVEL

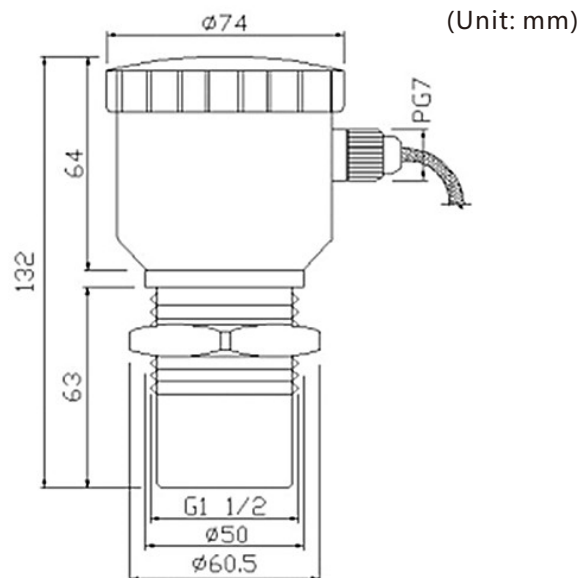
• DATASHEET •

1. Pressure Measurement **2. Level Measurement** 3. Temperature Measurement
4. Flow Measurement 5. Display & Control Instruments

UE3008

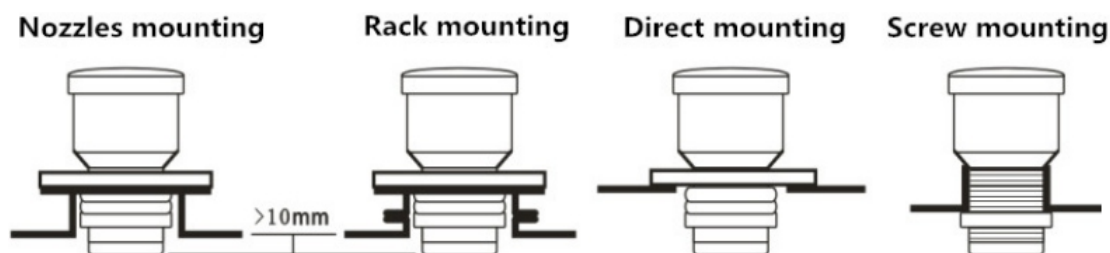
Ultrasonic Distance/Level Sensors

Profiles

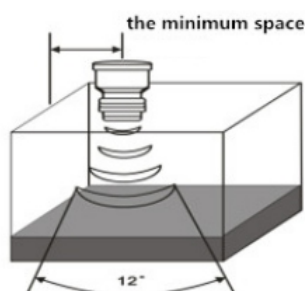


UE3008 Ultrasonic Level Sensor combines ultrasonic sensors, temperature sensors, ultrasonic servo circuit, transmission circuit and uses SMD components and ASIC which is developed together with the United States partner. All these features realize a concise and smart level transmitter. All gold-plated circuit boards, internal electromagnetic shielding and software digital filter are tested for (industrial) 48 hour under high and low temperature aging. It promises higher and long-term reliability. Shell is made of solid texture and good NLEPF acoustic characteristics of synthetic material. The body is shape sophisticated aesthetics, waterproof, dustproof, and can adapt to the most of working conditions on site. A very quick and easy installation, maintenance can be realized.

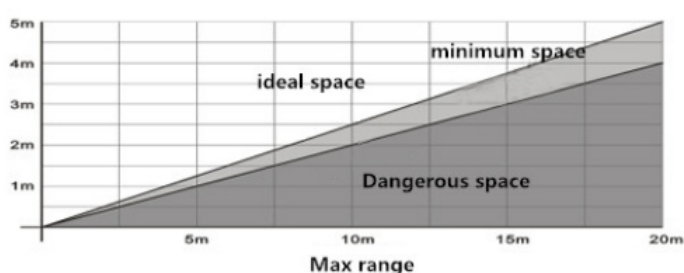
Installation



Ensure that the bottom of the probe over the bottom of the process thread



the minimum space



Specification

Parameter	UE3008		
Level Range	1m 2m 5m optional		
Blind area	≤ 30cm		
Beam angle	< 12°		
Accuracy	0.25%F.S. or 3 mm		
Output	Analog signal 4~20mA; 1 ~ 5V;1~10V	Digital signal RS485/ RS232	Switch signal NPN Switch signal/ Relay (1 OR 2 channels optional)
Power supply	DC12-24V/50mA		
Consumption	< 1.5W		
Display	4 bits 8 segment LED display (LCD option available)		
Min. resolution	1mm		
Protection class	IP65 (default); IP67, IP68 (customized!)		
Operation temp.	-20°C ~60°C		
Housing	ABS/ Nylon		
Cable	User defined (with connectors)		
Installation	G1-1/2" male		

Wiring connection

Electronic Wires Connection		
Current	Red	Vcc+
	Yellow	Signal+
Voltage	Red	Vcc+
	Yellow	Signal+
	Black	GND
RS485	Red	Vcc+
	Yellow	RS485A
	White	RS485B
	Black	GND

How to Order

Part Number Selection Table

UE3008 Selection Type		02	A	U1	A2	T1	002
Range	01= 1 Meter 02= 2 Meters 05= 5 meters						
Water Proof	A= IP66 B= IP65 C= IP67 D=IP68						
Power Supply	U1=DC12V/max 50mA U2=DC24V/max 50mA						
Output	A1=Current Output (0-20mA 2 wires) A2=Current Output (4-20mA 2 wires) A3=Current Output (4-20mA 3 wires) A4=Current Output (4-20mA 4 wires) N1/N2=Switch output (1 or 2 switches) J1 = Relay (Upper & Lower alarm) V2= Voltage output (1-5V) V4= Voltage output (1-10V) X=By Customized						
Temperature	T= 0...50 °C T1= -10...60 °C T2= -20...70 °C						
Cable Length	001= 1 Meter	002= 2 Meters	X= By Customized				

Application

