

[Features]

- Non-contact ultrasonic measurement; target colour does not affect detection
- Range up to 6 m, 1 mm resolution, $\pm 0.5\%$ accuracy, $\pm 0.25\%$ repeatability
- Built-in temperature compensation keeps readings stable over the long term
- RS485 interface with standard Modbus RTU output for easy system integration
- M30 $\times$ 1.5 thread, M12 connector, stainless-steel body, IP66 rated

[Applications] Chemicals, seawater, rivers, wastewater treatment plants

[Model Selection]

UD30 – Code 1 – Code 2



Code 1	Range	Code 2	Cable Length
1	1 m	N	2 m, bare wire
2	2 m	Value N	Cable Length bare wire
6	6 m	C	2 m+ quick connector
		Value C	Cable Length + quick connector

[Specifications]

Power Supply	24VDC $\pm 10\%$	Consumption	0.6W
Range	1 m: 50~1000mm (dead zone: 0~50mm) 2 m: 150~2000mm (dead zone: 0~150mm) 6 m: 200~6000mm (dead zone: 0~200mm)		
Accuracy	$\pm 0.5\%$	Resolution	1mm
Repeatability	$\pm 0.25\%$	Start-up Delay	<300ms
Communication	RS-485 Modbus RTU		
Protection	Reverse polarity, short-circuit, overload	Thread	M30 $\times$ 1.5
Operating Temp.	-20~60°C	Storage Temp.	-40~85°C
Probe Material	Stainless steel + PC	IP Rating	IP66
Cable Length	2 m (default)	Weight	<250g (Without cable)

[Dimensions] Unit: mm

