SEN701-Cs031 ntelligent Ultrasonic Level Meter

Product Description

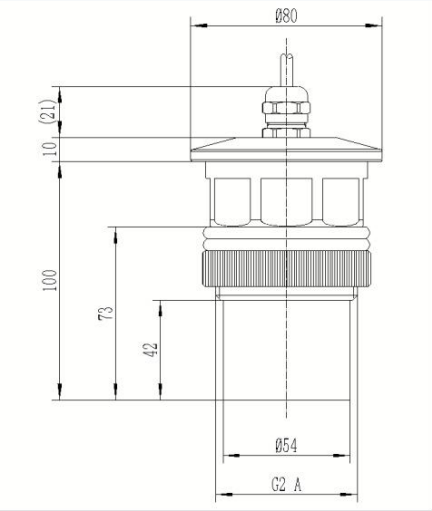
The intelligent ultrasonic level gauge is an integrated measuring instrument consisting of a sensor and a built-in intelligent circuit control system. It is an instrument that measures the distance from a surface to the surface of liquids and objects. Level gauges are easy to install and maintain and are widely used for non-contact distance measurement to reliably measure the surface position of clean water, sewage, glue, mud or channel flow, etc.



Specifications

Measuring range	0~5...10m		
Output signal	RS485 (ModbusRTU communication protocol), RS485+4-20mA		
Working current	30mA@12V DC	Operating temperature	-20-60°C
Power consumption	<0.25W	Line length	2m
Supply voltage	12~30VDC	Working frequency	40KHZ±5%
Accuracy	0.3%~1%FS	Shell material	PC
Response time	⩽1s	Work pressure	⩽0.3MPa
Blind spot	⩽40cm	Protection level	Probe IP67
Detection angle	(Wave speed width) Half power angle at -3dB: 11.3°±10%; acute angle: 26.6°±10%		

Dimensions



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Electrical Connection

RS485 electrical interface wire color definition	
Red	12-30V DC
Black	Ground
Green	RS485 A(485+)
White	RS485 B(485-)
RS485+4-20mA electrical interface wire color definition	
Red	12-30V DC
Black	Ground
Green	RS485 A(485+)
White	RS485 B(485-)
Blue	Iout

Ordering Guide

Example:SEN701-CS031121

①　②　③④⑤⑥

① Product series model　② Product model code　③ Precision code　④ Output code

⑤ Power supply code　⑦ Range code

SEN701-	Company code + product series code						
	CS03	Product model code					
		3	±0.3%FS				precision
			2	4~20mA+RS485			output
			4	RS485			
				4	12~30VDC		power supply
					2	0~5m...10m	range