

Description

ULB16 series submersible liquid level transmitter is made from stainless steel with rigid and robust construction. The protection cap with a small hole not only protect the diaphragm, but also let the liquids contact the diaphragm freely. The exquisite sealing technology as well as good assembly techniques guarantee ULB16 level transmitter's outstanding quality & performance. The product has a waterproof cable with vent hose which is designed for submersible applications.



ULB16 series is designed with IP68 protection, it is widely applied in petroleum, chemical industry, medicine, metallurgy, hydrology exploration etc.

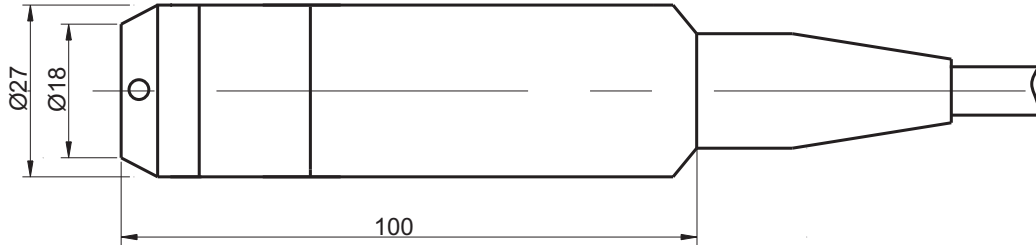
Features

- Rigid and robust construction, IP68 protection
- Wide application scope, long service life
- Reversed polarity protection and current limiting protection
- Against thunder stroke, against radio-frequency interference
- Intrinsic safety, or flame-proof safety optional
- PVC, PUR or PTFE cable for options

Specifications

measuring ranges	0~1mH ₂ O...200mH ₂ O
overload pressure	200%FS
output signal	4~20mA, 0~5V, 0~10V, 1~5V
accuracy	0.25%FS, 0.5%FS(standard)
load resistance	$R_L = (U - 12V) / 0.02A$ (4~20mA current output) U—loop voltage (V)
long-term stability	<0.1%FS/year
supply voltage	12~36VDC
compensated temperature range	0~70℃
storage temperature range	-40~100℃
temperature coefficient of zero	0.25%FS/10℃
temperature coefficient of span	0.2%FS/10℃
insulation resistance	100MΩ@50VDC
electrical connection	Φ7.6mm shielded cable with vent hose
material of wetted part and housing	304SS
material of pressure diaphragm	316L
sealing	n-Butyronitrile or fluoro-rubber sealing ring

Dimensions



ULB16 integrated type

Ordering code

ULB16			
	range	measuring range: 0~1mH ₂ O...200mH ₂ O	
	(0~XmH ₂ O)L	X: actual measuring range L: cable length, suggested L-X=(1~2)m	
		code	output
		O1	4~20mA
		O2	0~20mA
		O3	0~5V
		O4	1~5V
		O5	0~10V
		Oz	customer request
		code	accuracy
		C	0.25%FS
		D	0.5%FS
ULB6-a	(0~20mH ₂ O)21	O1	C

Note: please indicate the cable type when ordering, we have PVC, PUR or PTFE types for options