



KYAB19F Submersible Level Transmitter

Description

KYB19F use famous brand high precision and high stability of ceramic capacitance sensor and Teflon casing, through high reliability amplifier circuit to convert the measured liquid level signal into a standard electrical output. High-quality sensors, superb packaging technology and improve the assembly process to ensure high quality and excellent performance of the product, can withstand a variety of aggressive corrosive liquids, to maximize customer satisfaction.

Applications

Water Conservancy hydrological measurement and monitoring
Recycled water and sewage treatment systems
Pharmaceutical industry level measurement
Chemical and refining industry



Features

- ◆ Strong corrosion resistance
- ◆ Available with display meter
- ◆ High accuracy, high stability, high reliability
- ◆ Superior waterproof, moisture-proof, anti-condensation properties
- ◆ Split, easy to install and adjust fixed
- ◆ Matching can be customized according to user requirements

Specifications

Media	Various acidic liquids
Range	0~10m (Minimum range: 0~1m)
Error in normal temperature	$\pm 0.25\%FS$ 、 $\pm 0.5\%FS$
Supply Voltage	14~36VDC, Standard : 24VDC $\pm 5\%$, Ripple < 1% With display meter, the minimum Supply Voltage: 17VDC)
Output:	4~20mA
Electrical connection	Integrated: M16 x1.5 thread sealing joints; Split : M20 x1.5 thread sealing joints



Cable protection tube	Φ7.5 PTFE hose
Medium temperature	0~70℃
Error in working temperature range	±1 .5%FS(±0.25%FS in normal); ±3.0% FS(±0.5%FS in normal)
Error in time drift	±0.25% FS/year (±0.25%FS in normal)、 ±0.5% FS/year (±0.5%FS in normal)
Ingress protection	IP68 (sensor part), IP65 (electric circuit part)

Application Description

This series of products can be measured a variety of corrosive acidic solvent, to maximize customer satisfaction. Especially suitable for water conservancy hydrological measurement and monitoring, recycled water and sewage treatment systems, the pharmaceutical industry level measurement, chemical and oil refining industries.

How To Order

KYB-19 F **01** **M1** **F2** **Z1** **B2** - II

Range

Code	Range	Accuracy
01	1m-3.5m	±0.5%
02	3.5m-10m	±0.25%

Output

M1 4-20mADC

Structure

I Integrated
F1 Split (case model I)
F2 Split (case model II)

Steady(Split only)

Z1 3-Φ11 Mounting holes, Mounting hole circleΦ70

Z2 4-Φ14 Mounting holes, Mounting hole circleΦ90

Zx Customized

Display

B1 analog display (Optional for split)

B2 Digital display (Optional for split)

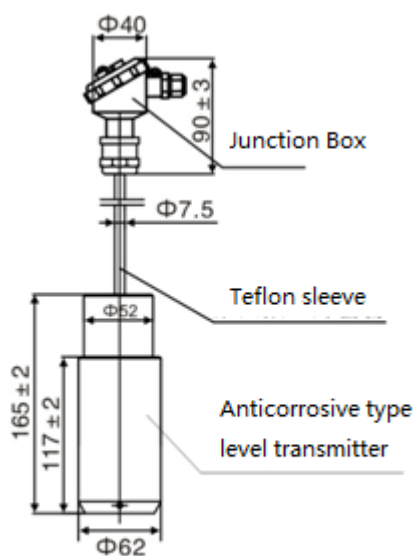
KYB19F01M1F2Z1V2- II (0-3m)

* Intrinsically safe products support current output only

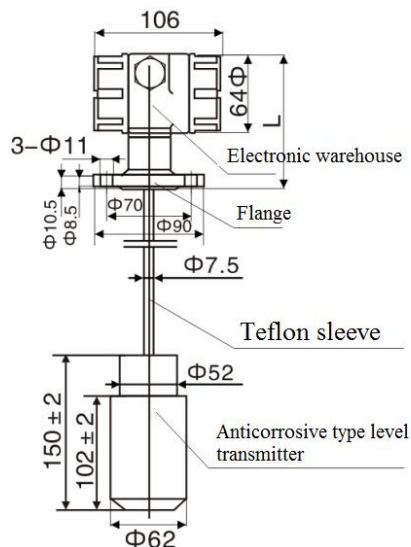
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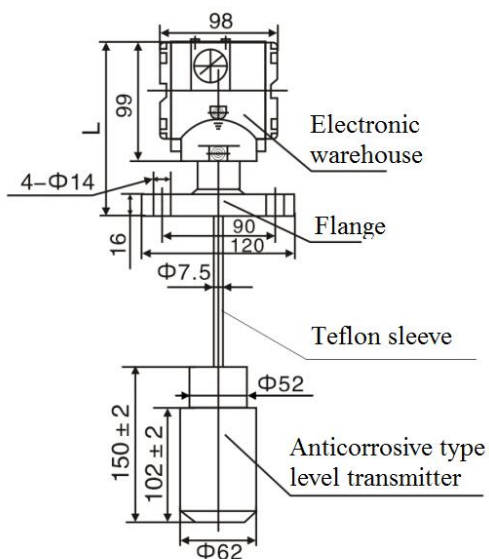
Dimension:



Integrated



L:Z1=109 ± 3,Z2=113 ± 3
Split (case model I)



L:Z1=148 ± 2,Z2=152 ± 2
Split (case model II)

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