SUP-P260
Submersible Level Transmitter

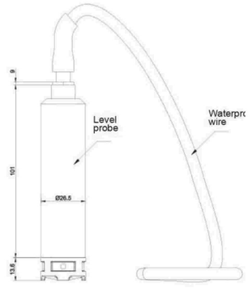
Overview

SUP-P260 submersible liquid level transmitter is based on the principle that the hydrostatic pressure is directly proportional to the height of the liquid, and uses the piezoresistive effect of diffusion silicon to transform pressure into electrical signal. After temperature compensation and linear correction, it is converted to 4-20mA DC standard current signal and output R485 Modbus RTU Communication. It is easy to install and measures accurately. It is widely used in liquid level measurement of various medium in petrochemical, metallurgy, power, pharmaceutical, water supply and drainage, environmental protection and other industries.

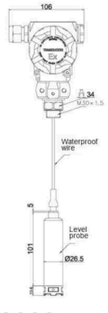
Features

- Easy installation, easy to use, strong interchangeability
- Corrosion resistance, power supply is not required
- Good sealing performance, high reliability, safe use
- The high quality sensor with high sensitivity and fast response
- Wide measurement range, free from the limit of height of storage tank
- Strong anti-interference capability
- The anti blocking design can realize the measurement of the level of paste medium
- Various measured medium, not affected by the foaming or deposition of the medium

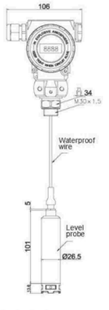
Dimensions



Direct Lead Type



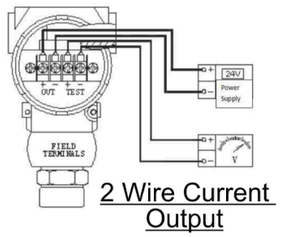
2088 type without Display



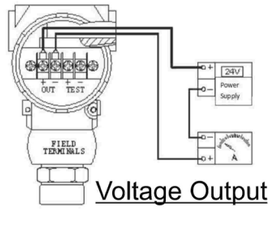
2088 type with Display

Wiring

RS485 Output



2 Wire Current Output



Voltage Output

Parameters

Model	SUP-P260
RANGE	0~0.5M - 200M
Output	RS485,(4~20)mA,(1~5)V,(0-5)V,(0~10)V
Accuracy	0,5%
Supply	(4~20)mA Output, (10~32)V;
Pressure Type	Gage Pressure
Compensation Temperature	(-10~70)ºC
Operating Temperature	(-10~65)ºC
Storage Temperature	(-40~85)ºC
Zero Temperature Drift	±3%FS/10ºC
Sensitivity Temperature Drift	±3%FS/10ºC
Overload Pressure	150%FS
Mechanical Vibration	20g (20-5000Hz)
Impact	100g (11ms)
Stability	±0.2%FS/Year
Response Time	Current and Voltage Output
Insulation	20MΩ/250VDC
Material	Junction box with low copper aluminum alloy; All stainless steel
Medium compatibility	Various medium compatible
Ingress Protection	IP68(sensor)

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