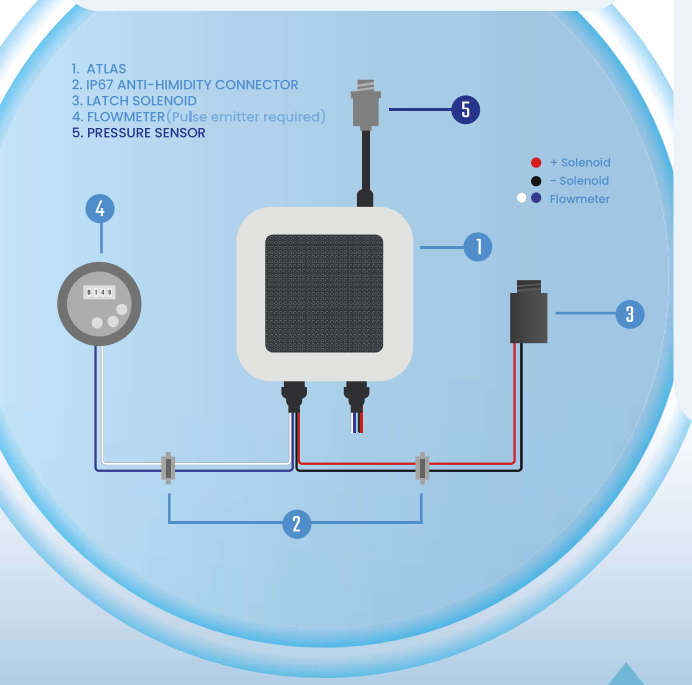
SPHERAG

PRESSURE SENSOR

Function and application

The pressure transmitter is used for fluid pressure measurement at industrial areas, transfers measured pressure value to standard signal such as I2C/4~20mA/0~5V/RS485, matches various instruments, and apply to transportation, oil, chemical, metallurgical, light industry, and other fields.

Model	SPH-P21
Range	0 - 30 bar
Output	I2C
Accuracy	0.5%F.S
Supply	3.3VDC



Precautions for use and safety

1. Carefully read the installation procedure, such as the output mode and connection instruction before installation.

2. Turn off the power and the valve of the tested medium during installing and disassembling, the pressure is reduced to atmosphere pressure to avoid accidents caused by medium ejection.

3. Make sure the transmitter is firmly connected and grounding properly during installation, avoiding vibration and a strong EMI environment. Need good grounding when outdoor installation, Lightning protection measures should be taken to prevent lightning from damaging products.

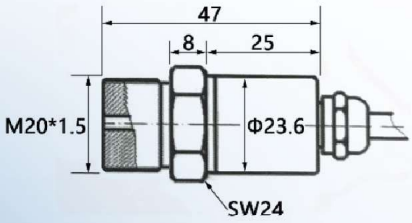
4. To ensure the accuracy of measurement, the fluidity of the medium is needed.

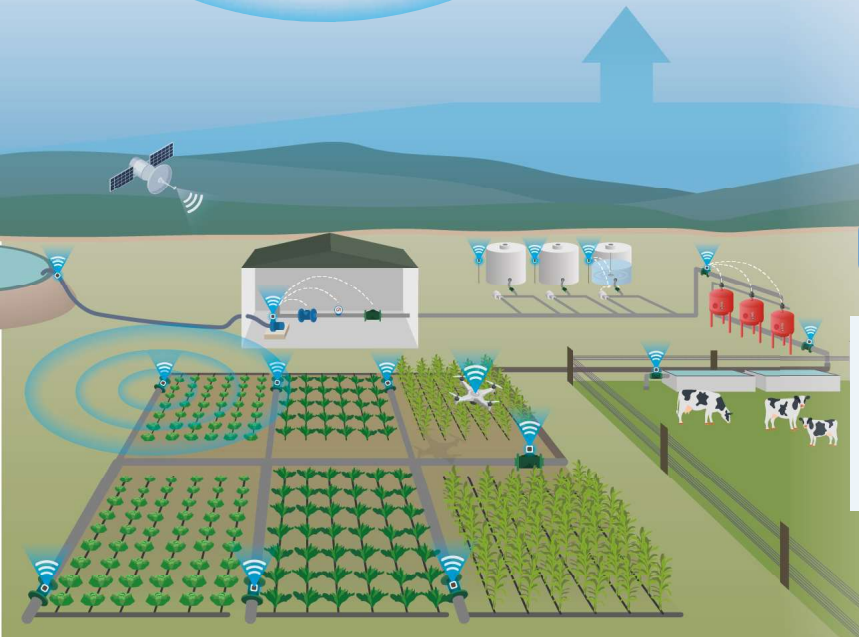
5. It's prohibited inserting hard objects into the pressure hole to prevent damage to the sensor diaphragm.

6. Prevent the cable damages so that fluid could enter the damages and signal wire joint into transmitter cavity, which will damage the product.

7. Explosive workplaces should use explosion-proof products.

8. Ensure right product selection and operation correctly to prevent serious personal injury and damage.





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