

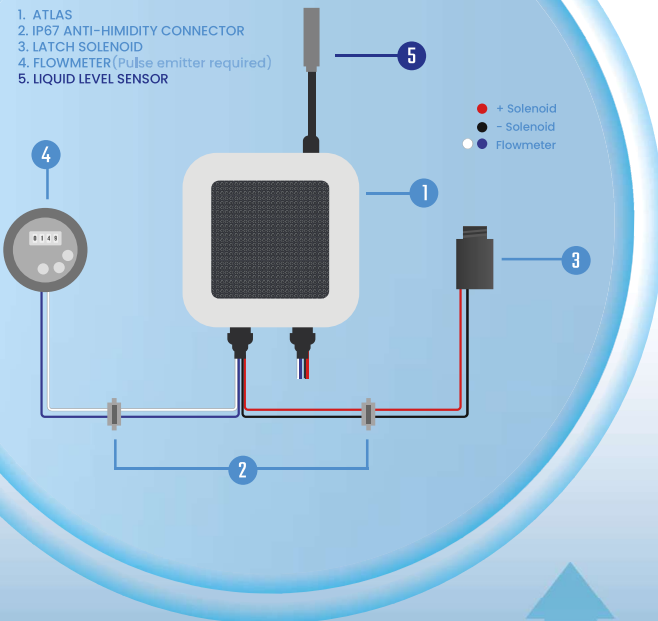
**Function**

Level sensors based on hydrostatic pressure measurement generally measure the level or filling height in a vessel in accordance with the following principle:

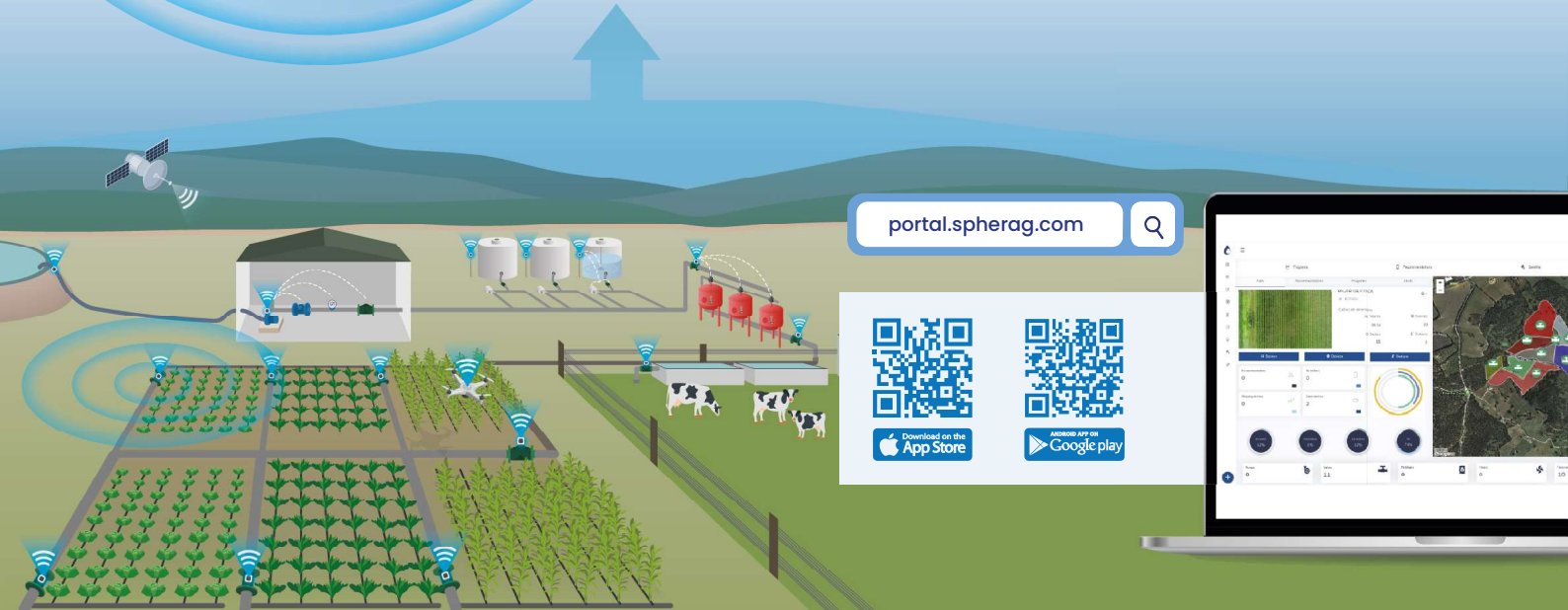
A liquid generates, through its specific gravity and the force of gravity, a weight force with increases with the filling height. This weight force, increasing proportionally with the filling height, is called the liquid column. This sensor measures the height-dependent weight force of this liquid column, as a hydrostatic pressure. From the measured hydrostatic pressure and the density of the product, one can now calculate the filling height of the vessel.

**Application**

- Water and waste-water treatment
- Control of sewage lift and pumping stations
- Plants, wells, holding tanks, wet wells
- Rivers and lakes
- Settling and storm-water retention basins
- Machine building
- Hydraulics water and pneumatic
- Pumps and compressors
- Laboratory
- Engineering machine automation
- Instrument fittings
- Mechanical and electronic industry



Level Range	10 M
Working Temperature	-30 ~ 85°C
Temperature Compensation	-10 ~ 70°C
Power Supply	3.3 ~ 5VDC
Output Signal	I2C
Cable Length	10 M
Waterproof Protection	IP68



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