

RELY ON EXCELLENCE

SPS Level switch

Seal Supply Systems | Instrumentation



Advantages

- Monitoring of several levels with a single level switch possible
- Reliable and rugged technology
- For temperatures of up to 250°C
- Simple installation in the vessel from above
- Wide range of applications throughout the processing industry

Recommended applications

- Process industry

Features

Level switches of the SPS range are used for monitoring and/or controlling fluid levels in vessels, with alarm and/or control of automatic refill units. The SPS is suitable for deployment with the TS1016/A007, TS2000, TS4000 and TS5000 range.

Functional description

Level switches of the SPS range function by means of the floating ball principle. Float switches are actuators which are activated when a floating ball is moved by a fluid. The switch consists of a sliding tube with reed contact inserts and a floating ball fitted with a ring magnet on the inside. The floating ball rises when the fluid level in the vessel rises and the magnetic field of the ball actuates a reed contact through the wall of the sliding tube.