EagleBurgmann
a member of EKK and FREUDENBERG

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.

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All technical specifications are based on extensive tests and our many years of experience. The diversity of possible applications means, however, that they can serve only as guide values.
We must be notified of the exact conditions of application before we can provide any guarantee for a specific case. Subject to change.