

Spirax Sarco High Purity Systems

Spirax Sarco magnetic level indicators are designed for the direct level reading of fluids in most industrial applications (storage, process or dosing tanks and reactors), even with high pressure and/or high temperature. Designed to offer customized and up-to-dated solutions, they are instruments of proven reliability, thanks to our Engineering's accurate design and manufacturing, as well as the selected materials.

Spirax Sarco magnetic level indicators guarantee a continuous direct, on site, reading of fluid's level, in a safe and immediate way, clearly visible from remote too; even without power supply, which makes them particularly suitable for installations in explosionproof areas.

They can be fitted side-side to the tank.

Their robust construction, with selected materials, allows them to operate continuously, reducing wearing problems and limiting the maintenance.

The entire range of Spirax Sarco high-purity products is designed and manufactured to meet the requirements of pharmaceutical and biotechnological companies.

Viscorol PH level indicators are designed and manufactured in accordance with **cGMP** regulations, their connections comply with **ASME-BPE** standard. All wetted parts are fully in AISI316L Stainless Steel material, their electropolishing is suitable and certified, the elastomers comply with **FDA** standard.

All available products are certified and complete with documentation, to guarantee material's traceability, surface electropolishing and compliance of elastomers to FDA standard.

Viscorol PH magnetic level indicators, in particular, ensure **fluid's level control and management**, in all pharmaceutical or biotechnological applications, requesting a direct or a remote measurement reading.

On request, they can be equipped with: one or more electrical contacts, reed switch bistable type, which, placed at the required threshold alarms, can control multiple intervention points with one single instrument only; and / or a potentiometer transmitter, or a magnetostrictive transducer (in case that a higher resolution is required), for the continuous reading of the level, both direct or indirect.



When they are complete with electrical components, Viscorol PH magnetic level indicators can guarantee alarm signals, simple or multiple level control, pump control (single and sequential on-off), allowing a fully automatic management of tanks and distribution lines.

The materials selection, making them suitable for installation even with corrosive process fluids and/or in severe working environments, the surfaces electropolishing, the completely self-draining level body construction and the clamp connections, ensuring a perfect instrument cleaning, even in case of restricted hygiene requirements...all those features make Viscorol PH an unique instrument suitable for fluid levels measuring, perfect for the typical applications of pharmaceutical and biotechnological industries.

A solution resulting from a long experience, commitment and continuous research, developed over 50 years of in-fields applications, with the aim of being more and more close to customer. The results confirm the high reliability and accuracy of Viscorol's measurement.

The measurement is no longer required for level control only, but also for algorithms processing for the prognostic and precautionary maintenance, an important requirement for the pharmaceutical applications to guarantee the continuous efficiency of the installations.



Industries
Pharmaceutical
Biotechnological
Semi-conducting
Food & Beverage
Cosmetic

Applications
Clean Steam
Pure Steam
SIP / CIP
Water demineralization and reverse osmosis



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Spirax-Sarco S.r.l.
Via per Cinisello, 18 - 20834 Nova Milanese (MB)
Tel.: 0362 49 17.1
Fax: 0362 49 17 307
www.spiraxsarco.com/it

