

SONOCONTROL | LEVEL SWITCH

For Level and Industrial Full/Empty Detection

PRODUCT BENEFITS

Contactless measurement

Easy sensor mounting to the container wall (SONOCONTROL 14) or to the pipe (SONOCONTROL 15)

Retrofit to existing plants without process interruption

No wear and tear

Quick start-up

Optional ATEX certified (SONOCONTROL 15)

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SONOCONTROL 14
Ultrasonic Position Switch



SONOCONTROL 15
Level Switch for Full/Empty Measurement



SONOCONTROL 15

Application Example

The SONOTEC portfolio of devices for contactless level measurement includes the compact sensor SONOCONTROL 14 for level detection at pressure and piston accumulators as well as the level switch SONOCONTROL 15 for full/empty detection at small diameter pipes.

SONOCONTROL 14 | For Level Detection at Pressure & Piston Accumulators

The intelligent compact sensor SONOCONTROL 14 is designed for position detection of pistons at piston and pressure accumulators and for level monitoring of liquids.

INSTALLATION FREEDOM & EASY RETROFIT

The sensor for contactless measurement through the wall of a pipe or tank is characterized by installation freedom which leads to easy retrofit to existing plants. The SONOCONTROL 14 can be mounted from the outside to the container without process interruption. Due to the fact that no other mechanical installation is necessary, there is no need to open up apertures in the cylinder wall, thereby avoiding subsequent problems with leakage.

The ultrasonic sensor can be finely-tuned on-site to meet the customer's specific measurement requirements and is ready for operation immediately after installation. This makes the SONOCONTROL 14 particularly suitable for serial applications in the fields of automation and mechanical engineering.

NO WEAR & TEAR



Due to the fact that the sensor has no moving parts, it is maintenance-free. Regardless of wall thickness or pressure within the container, the measurement device delivers reliable switching signals for the control and, with integrated LEDs, also an additional optical control for systems operator on-site.

Pictures





Downloads

Type	Title	Size
	Flyer SONOCONTROL 14	304 KB
	Data Sheet SONOCONTROL 14	623 KB

SONOCONTROL 15 | For Full/Empty Detection, Especially at Small Diameter Pipes

The ultrasonic level switch SONOCONTROL 15 is designed to detect with speed and precision whether or not a pipe is filled with liquid or liquefied gas. As soon as the detection point at the pipe is filled, it comes to the safe switching of the sensor.

APPLICATION FIELDS OF THE LIMIT SWITCH

The compact sensor for contactless measurement through the wall is particularly suited to applications within the pharmacy and fine chemicals industries. Thus, the sensor can be used to protect pumps or to monitor filling machines.

EASY INSTALLATION FOR OPTIMAL USE

The simplified installation method of the two-wire system, which means that the

SONOCONTROL 15 can be installed without interruption to the operation of the system, ensures an optimal use of the sensor. Due to a new pipe fastening system made of plastic, the sensor can be relocated quickly and easily.

OPTIONAL ATEX CERTIFIED






On request, a construction type of the compact sensor is available for use in areas with risk of explosion.

Pictures





Downloads

Type	Title	Size
	Flyer SONOCONTROL 15	200 KB
	Data Sheet SONOCONTROL 15, SONOCONTROL 15 Ex	102 KB
	EC type examination certificate SONOCONTROL 15	863 KB

APPLICATIONS SC 14

Chemical industry
Power plant construction

APPLICATIONS SC 15

Pharmaceutical industry
Fine chemicals

WORLDWIDE



Do you have any questions?

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