

SIEMENS



Safety meets cost savings in liquid level measurement.

SITRANS LR250 now available with SIL 2 Functional Safety declaration.

www.siemens.com/lr250

The SITRANS LR250 radar level transmitter has achieved a SIL 2 (Safety Integrity Level) rating through an independent certification company.

Fit for use in Safety Instrumented Systems

Functional Safety helps ensure that employees are safe and that property and the environment are protected against malfunctions in industrial facilities.



The SITRANS LR250 with SIL 2, in accordance with the IEC 61508/61511 standard for Functional Safety, features longer confirmation cycles than those of its competition, as well as a higher Safe Failure Fraction (SFF), both distinct benefits to customers.

Longer confirmation cycles, or periods between functional tests, represents minimized maintenance and plant downtime, leading to cost savings. The SITRANS LR250's high SFF results from the product's superior internal diagnostics, which are able to detect failures and signal this to the PLC/control system, thus preventing the manufacturing facility from dangerous states.

Combined with the SITRANS LR250's quality of design, the new SIL 2 declaration ensures customer confidence in this Siemens transmitter when installed in applications demanding Functional Safety.

A variety of applications

SITRANS LR250 is a plug-and-play compact 25 GHz 2-wire transmitter that is both easy to install and to commission. Levels of liquids or slurries can be accurately and reliably measured in minutes. The transmitter can be used in general applications, but is also suitable for chemical, pharmaceutical, and hydrocarbon processing applications, including corrosive environments.

Answers for industry.

More information:

www.siemens.com/SIL
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