

LEVEL

Hydrostatic, Pressure

NivuCont S

Transmitter

I³



- 3 Relays
- Pump exchange
- DIN rail and panel mount enclosure
- Easy-to-read LED display
- Ex approval (optional)

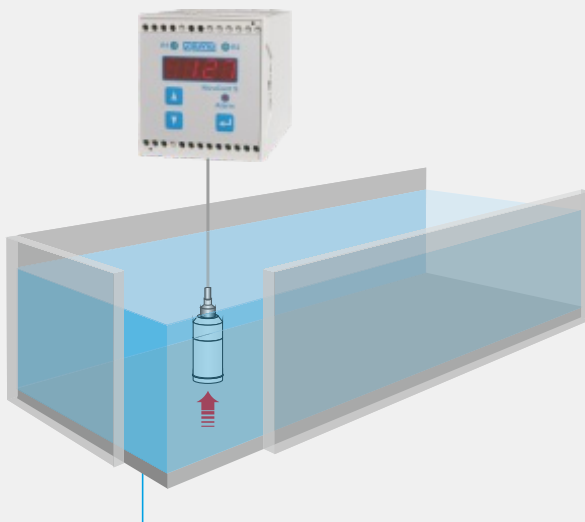


NivuCont S

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The NivuCont S is a process measurement transmitter for two and three wire sensor supply. The unit has all the qualities a powerful process measurement transmitter must have.

There are two free programmable relays available for limit values with hysteresis for min-, max- as well as for pump exchange action. One more error report relay and a scaleable galvanically isolated 0/4 - 20 mA output can be used for control purposes and for measurement value evaluation.

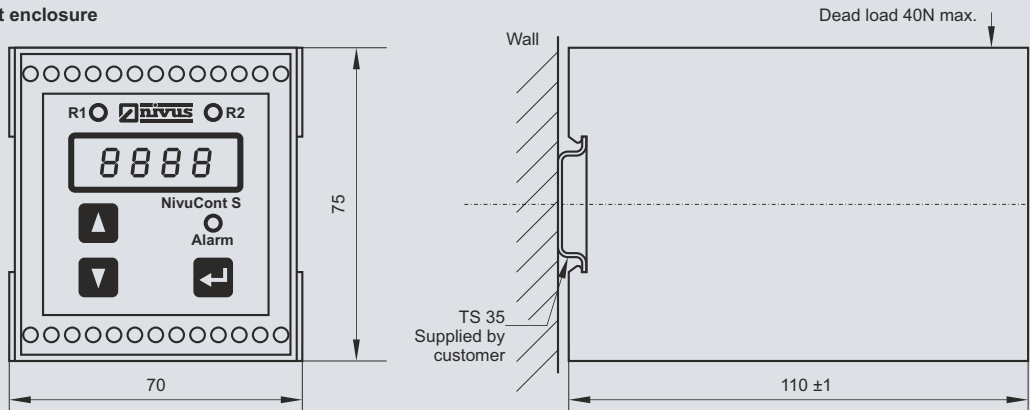


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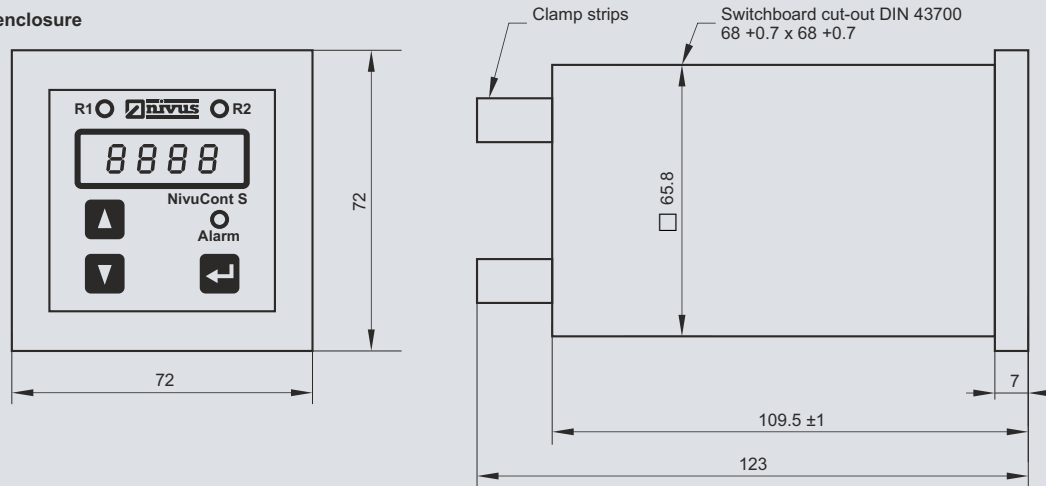
Specifications

Enclosure dimensions

DIN rail mount enclosure



Panel mount enclosure



Dimensions in mm

Transmitter

Power supply	• 230 V AC, 50 to 60 Hz or 24 V DC, 5 % residual ripple
Power consumption	max. 4 VA
Enclosure	• Material: Noryl • Weight: AC Version: approx. 400 g, IP40 enclosure, IP20 terminals DC Version: approx. 250 g, IP40 enclosure, IP20 terminals
Ex approval (option)	II (1)G [Ex ia Ga] IIC II (1)D [Ex ia Da] IIIC
Storage Temperature	-20 °C to +60 °C
Operation/Ambient Temperature	-20 °C to +60 °C / with Ex -20 °C to +40 °C
Max. Humidity	90 %, non-condensing
Display	4-character 7-segment LED display red, character height 10 mm

Supplementary Ex-specific Technical Data	See EU Type Examination Certificate IBExU05ATEX1098X at the end of the document
Operation	3 keys, menu-guided parameter structure
Inputs	1x 4-20 mA input, for 2/3-wire sensors with power supply 24 V DC (max. 35 mA)
Outputs	• 1x 0/4-20 mA, load 400 Ohm, accuracy greater than 0.3 % • 2x relays SPDT, loadable up to 250V AC / 5 A (cos Φ 0.9) • 1x Alarm contact for sensor monitoring (cable break or short circuit of the sensor)

You can find more information in the instruction manual or on www.nivus.com

Specifications are subject to change 01.2022

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