

Counter System CS 900



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Reliability in gas supply -
single-sourced across the board!

Counter System

CS 900

The CS 900 Counter System counts the electrical pulses received from gas meters or liquid meters from which it calculates the volume that flowed through the meter. It is particularly suitable for meters without integrated totalizers (e.g. vortex meters). Furthermore the CS 900 can be used for remote totalizing so that readings must not be taken directly at the meter.

The CS 900 is a variant of the electronic counter head of the RMG turbine meter TERZ 91.

Features

- Flow display
- 3 totalizers (main totalizer, start-stop totalizer, resettable totalizer)
- Option for switching off by external switching contact or external voltage
- Programmable meter factor and output pulse value
- All inputs are protected against overvoltage
- Current output (0/4 to 20 mA) proportional to the rate of flow

Specifications

Voltage supply:	24 VDC 10%
Base board:	Euroformat card 160 mm x 100 mm as 19" plug-in unit
Dimensions (front panel):	Height 3U x Depth 12U (128.7 mm x 61.3 mm)
Pulse inputs:	EEx i input: connection conforming to Namur or DIN 19234 Non-Ex input: open collector All inputs are electrically isolated from each other
Max. input frequency:	2 kHz (at a mark-to-space ratio of 1:1)
Pulse outputs:	LF output (max. 4 Hz) HF output (max. 2 kHz)

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Subject to technical changes