

QUALITY. INDIVIDUALITY. CONTINUITY.

Reed Electronics AG – Swiss precision and reliability  
from Schachen near Lucerne.

Over three decades of experience in development and  
realization of customized products in fluid management.



# Individual solutions for your fluid management

From idea to market maturity - everything from a single source. Products are designed, developed, and produced according to individual requirements. All this happens in the middle of Switzerland, in Schachen near Lucerne.

Reed products are available, customizable per component, in various materials; reliable, maintenance- and wear-free and with short delivery times.

Reed Electronics AG offers, in addition to its many years of experience, a comprehensive product range covering all aspects of fluid management. If you would like to know more about our products, go to our website or call us, free of obligation.

## FLOAT SWITCH

Media contact sensors for point level monitoring

### Options

- One or more switching points possible
- Miniature version
- Combined with temperature switch or PT100/1000
- EX-Versions
- Height-adjustable versions
- Lateral installation versions
- Food processing executions

Application examples: pump control, overflow-protection, level measurement



## FLEXIBLE FLOAT SWITCH

Bendable media contact sensors for point level monitoring

- Bendable

### Options

- One or more switching points with individual functions possible
- Combined with temperature switch or temperature sensor PT100/1000
- EX-Versions

Application examples: a float switch for an installation where space is limited



## CONDUCTIVE ROD ELECTRODE

Media contact electrode for point level monitoring

- For conductive media
- No moving mechanical parts

### Options

- One or more switching points possible

Application examples: ultrasonic bath, usable with contaminated or turbulent media



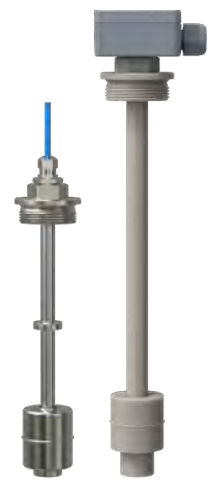
## LEVEL SWITCH

Media contact sensors for continuous level monitoring

### Options

- Measuring grid 5, 10 or 15mm
- Select your output signal  $\Omega$ , 4...20mA, 0...10V
- Combined with temperature switch or PT100/1000
- chosen Setpoints
- EX-Versions
- Food processing executions

Application examples: level monitoring 0 – 100%, residual quantity management



## SUCTION PIPE

PVC pipes for emptying/filling of containers with integrated level monitoring

### Optionen

- For container openings between  $\varnothing 40 - 60\text{mm}$
- Standard lengths 350, 520, 770 and 1300mm
- Up to four hose connections
- Empty level monitoring integrated
- Pre-alarm
- Custom lengths per component

Application examples: dosing systems, purification plant, disinfection plant



## INDIVIDUAL PIPES

Pipes for emptying/filling of containers with integrated level monitoring

### Options

- Designed according to your requirements
- Pointed or continuous level monitoring
- Miniature version
- Combined with temperature switch or PT100/1000
- Filter system included

Application examples: fine dosing, laboratory equipment, purification plants



## MAGNETIC SWITCH

Sensors for position monitoring

### Options

- Variable switching distance
- Various mounting options
- Installation in customer-specific mechanics
- EX-Versions
- Various magnets and possibilities



Application examples: safety switches, proximity switches, closure monitoring

## ASSEMBLY

We install our sensors in your assembly

- Process optimizing
- Procurement and storing of components are carried out by us
- Assembly will be tested end ready for delivery

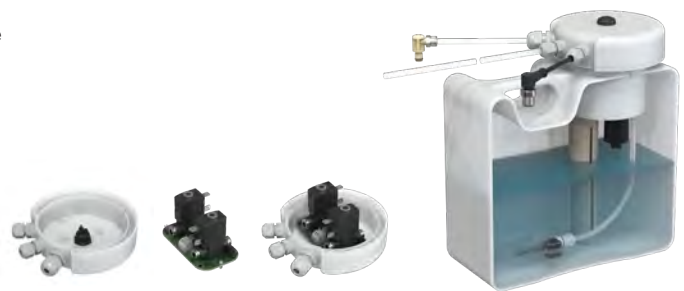


Application examples: mixing systems, heat exchangers, machine reservoirs

## SYSTEM DEVELOPMENT

From an idea to market readiness – everything from one single source

- Engineering of systems around your fluid management by our experienced development department
- Powerful and fast production
- Development process based on ISO 13485



# FURTHER SUCCESS STORIES

## Reed Electronics – Your Expert in individualised sensor technology and precision fluid management

Development and production of high-tech machines: Over the past 20 years, Reed Electronics AG has established itself worldwide in the biotechnology and pharmaceutical industries as a developer and producer of high-tech machines for joining and cutting thermoplastic tubes.

### BIOWELDER® TC

A fully automated welder for connection of thermoplastic tubing

This innovative technology allows connection of dry or liquid filled TPE tubing up to 1 inch outer diameter. The BioWelder® TC produces TPE tubing welding through a thermal connection of tubes from 1/4" up to 1" OD and ensures an extraordinary level of stability.



Marketed and distributed by  
Sartorius Stedim Biotech GmbH

### BIOSEALER® TC

Disconnection of TPE Tubing up to 1" OD on Disposable Assemblies

The Biosealer® TC is a fully automated heat sealer for disconnecting thermoplastic tubing. This proven thermal sealing technology allows disconnection of tubes from 1/4" up to 1" outer diameter.



Marketed and distributed by  
Sartorius Stedim Biotech GmbH

# REED ELECTRONICS AG

## Swiss quality with worldwide appeal

Reed Electronics AG is a traditional, privately owned- and managed medium sized company based in Schachen near Lucerne and has been operating successfully for more than three decades.

The company has established itself worldwide with its individual products for fluid management.

In addition, Reed Electronics AG has made a name for itself around the globe as a developer and manufacturer of high-tech machines for the bio- and pharmaceutical industries.

Our technical experts will be happy to advise you at any time.  
Please contact us.

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**Quality.**  
**Individuality.**  
**Continuity.**



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