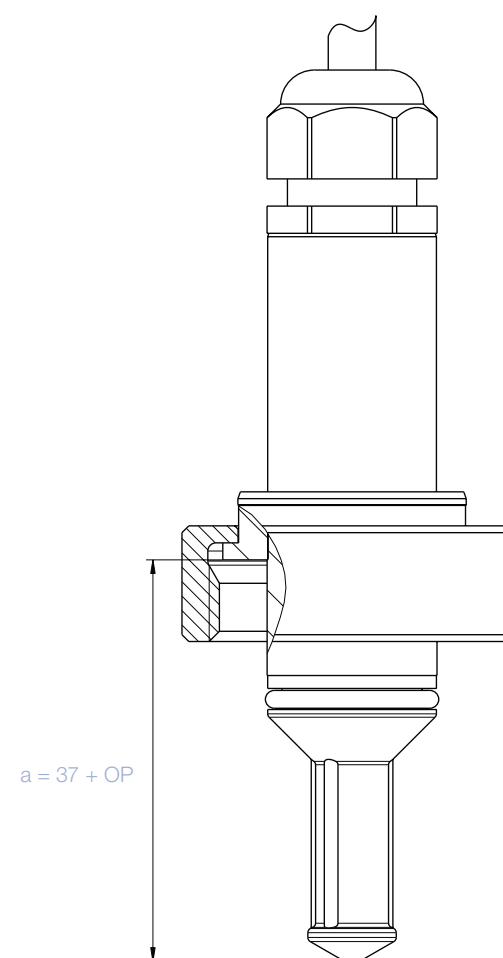


Conducell 4US



Specifications

| | |
|--------------------------------------|--|
| Measuring range | 0.1 μ S/cm to 500 mS/cm |
| Measurement Principle | 4 pole contacting |
| O-ring position | 22 to 55 mm |
| Process temperature | -20 to 135 °C |
| Pressure range (relative to ambient) | 0 to 6 bar |
| Hygienic aspects | CIP, SIP |
| Cell constant | 0.147/cm |
| Material of electrodes | Stainless steel 1.4435 |
| O-ring | EPDM (other versions available on request) |

For more specifications see www.hamiltoncompany.com

The Conducell 4US 4-pole conductivity sensors are designed for different process connections such as Triclamp or G 1¼" with various O-ring positions.

The sensors show a very good linearity over a broad range of conductivities.

The Conducell 4US 4-pole sensor can easily be cleaned and is suitable for steam sterilization, autoclavation and CIP cleanings.

All plastic materials are compliant with the order EU 10/2011.

Benefits

- ▶ Very good linearity, especially for applications with wide variations in conductivity
- ▶ All wetted parts are FDA-compliant
- ▶ Sanitary: Sensor is easy to clean
- ▶ O-ring position can be chosen individually

Typical applications

- ▶ Fermentation
- ▶ Chemical industry



Ordering Information

| | a-length | 5 m fix cable |
|-------------------------------|----------|---------------|
| Conducell 4US-G125 | variable | 237700-OP |
| Conducell 4US-T150-50 | 50 | 237750 |
| Conducell 4US-T150-100 | 100 | 237760 |



Accessories



- **Flow-through cell PEEK TC 1.5"** Ref 237931
This flow through cell made of FDA approved PEEK facilitates insertion of Conducell 4US-T150-50 in pipework.

Conductivity Standards see page 108

Safety Socket see page 152