Conductivity Cell
LF1553 / LF2553

Characteristics

- 2-electrode ultra pure water cell for VARIVENT® Inline-case
- FDA compliant
- Application field food industry
- Measuring range 0..0.5 µS/cm up to 0..50 µS/cm

Technical data

- **Cell constant**: C = 0.1 exact cell constant labeled on the type plate
- **Process temperature**: -10..+120 °C
  - CIP-/SIP-capable 140 °C < 1 h
- **Process pressure**: max. 16 bar
- **Process material**: stainless steel 1.4404; PEEK; seal EPDM, FDA compliant
- **Electrical connection**
  - LF1553: flat cable connector, only head mounting UNICON-LF
  - LF2553: 8 pole round connector plug M12x1, IP67
- **Material**: brass nickel plated
- **Temperature measurement**: integrated Pt1000 sensor DIN IEC751, class A

Ordering code

1. **Model**
   - 1553 head mounting UNICON-LF
   - 2553 field mounting

2. **Process connection**
   - DN25 VARIVENT® DN25
   - DN40 VARIVENT® DN40..DN125

3. **Options**
   - 00 without option
   - 03 8 pole round plug SS-type

Note:
Conductivity cells LF1553 / LF2553 should not be mounted together with other cells in one VARIVENT® case.