

## Produktinformation

# Conductivity Cell LF3623 / LF4623



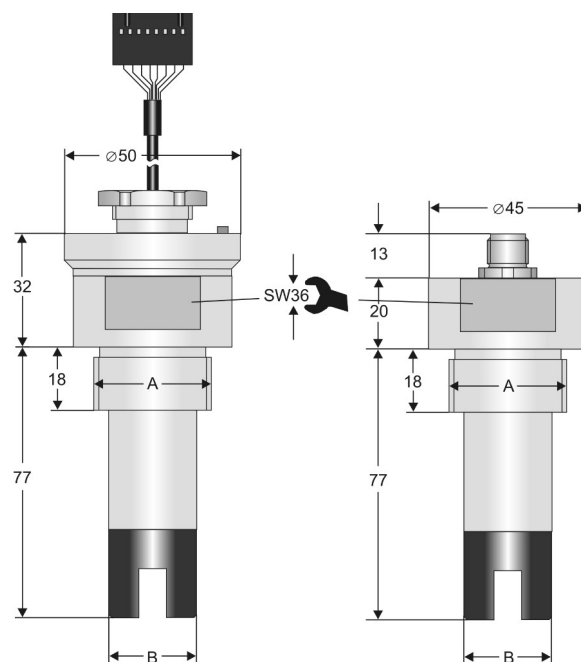
## Characteristics

- 4-electrode screw-in cell; pipe thread acc. to DIN ISO 228
- Measuring range 0..20  $\mu\text{S}/\text{cm}$  up to 0..500  $\text{mS}/\text{cm}$
- Insensitive against soiling
- No influence from polarization effects and line resistance

## Technical data

|                               |                                                         |
|-------------------------------|---------------------------------------------------------|
| Cell constant                 | : C = 0.5 exact cell constant labeled on the type plate |
| Process temperature           | : -10..+120 °C                                          |
| Process pressure              | : max. 16 bar                                           |
| Process connection            | : pipe thread acc. to DIN ISO228                        |
| Process material (electrodes) | : PVDF, casting resin, graphite                         |
| <b>Electrical connection</b>  |                                                         |
| LF3623                        | : flat cable connector, only head mounting UNICON-LF    |
| LF4623                        | : 8 pole round connector plug M12x1, IP67               |
| -Material                     | : brass nickel plated                                   |
| Temperature measurement       | : integrated Pt1000 sensor DIN IEC751, class A          |
| Tightening torque             | : 3 Nm, max.                                            |

## Dimensions



LF3623  
for head mounting UNICON-LF

LF4623  
for field mounting

## Process connection

| A     | BØ [mm] |
|-------|---------|
| G ¾ A | 23,5    |
| G 1 A | 25      |

## Ordering code

1. 2. 3.  
LF  - C0.5 -  -

| 1. Model                |                           |
|-------------------------|---------------------------|
| 3623                    | head mounting UNICON-LF   |
| 4623                    | field mounting            |
| 2. Process connection A |                           |
| G ¾ A                   |                           |
| G 1 A                   |                           |
| 3. Options              |                           |
| 00                      | without option            |
| 03                      | 8 pole round plug SS-type |