

Product Information

Analysis - Conductivity

Conductivity Cell LF3213 / LF4213



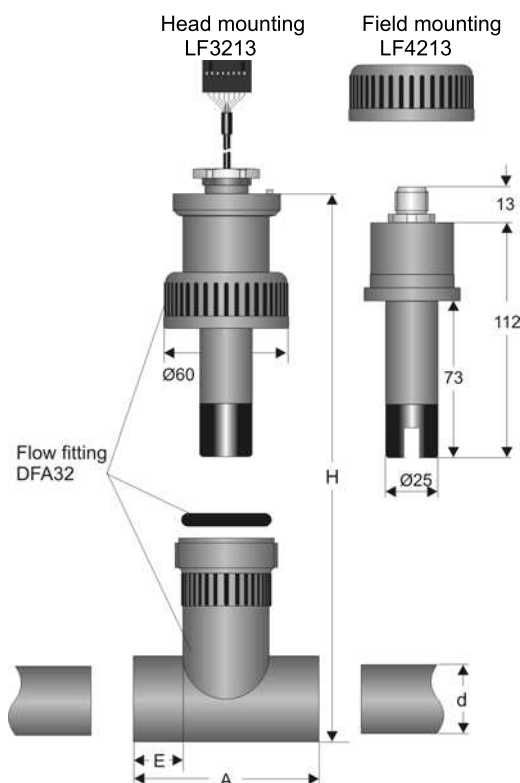
Characteristics

- 4-electrode flow cell for
outer pipe diameter from 20 mm up to 63 mm
- Mounting with PVC-U standard fittings
- Measuring range from 0..20 $\mu\text{S}/\text{cm}$ up to 0..500 mS/cm
- Insensitive against soiling
- No influence from polarization effects
and line resistance
- Accessory flow fitting DFA32

Technical data

Cell constant	: C = 0.5 exact cell constant labeled on the type plate
Operating temperature	: 0..60 °C
Process pressure	: max. 16 bar at 22°C
Process connection	: PVC fitting with cap nut
Process material	: PVC-U, casting resin, graphite (electrodes)
<i>Electrical connection</i>	
LF3213	: flat cable connector, only head mounting UNICON-LF
LF4213	: 8 pole round connector plug M12x1, IP67
-Material	: brass nickel plated
Temperature measurement	: integrated Pt1000 sensor DIN IEC751, class A

Dimensions



d	H	A	E
20	142	78	22
25	142	78	22
32	142	78	22
40	154	98	26
50	165	118	31
63	179	144	38

Ordering code

1. 2.
LF - C0.5 -

1. Model (including cap nut)	
3213	head mounting UNICON-LF
4213	field mounting
2. Options	
00	without option
03	8 pole cable plug SS-type for connection at UNICON-LF, field case
Accessory flow fitting DFA 32, PVC-U	
DFA32-20-1-1	d = 20 mm
DFA32-25-1-1	d = 25 mm
DFA32-32-1-1	d = 32 mm
DFA32-40-1-1	d = 40 mm
DFA32-50-1-1	d = 50 mm
DFA32-63-1-1	d = 63 mm

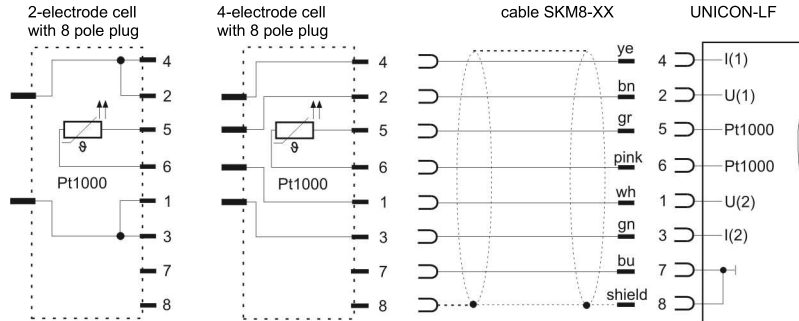
Connection diagram see next page

Accessories see separate PI

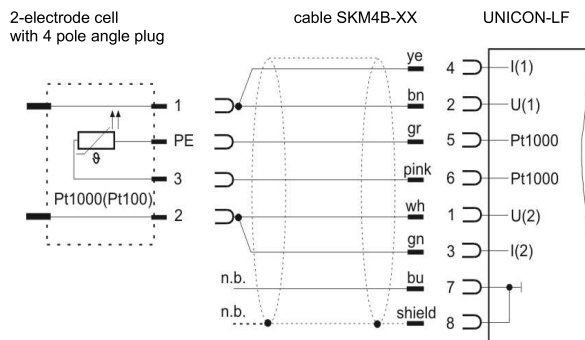
Connection Diagrams Conductivity Measurement

Connection at UNICON-LF field case

A

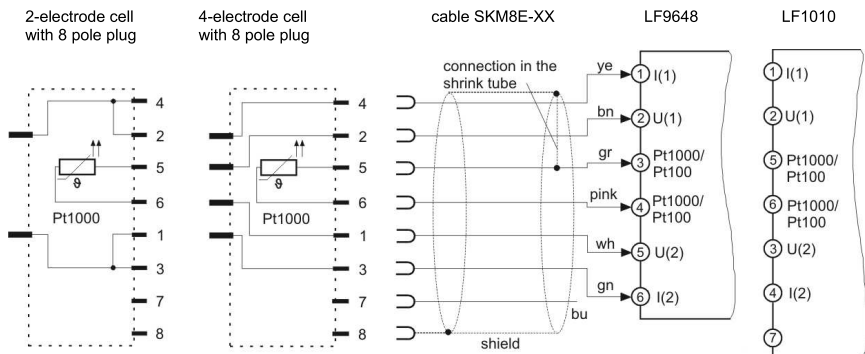


B



Connection at LF1010 and LF9648

D



E

