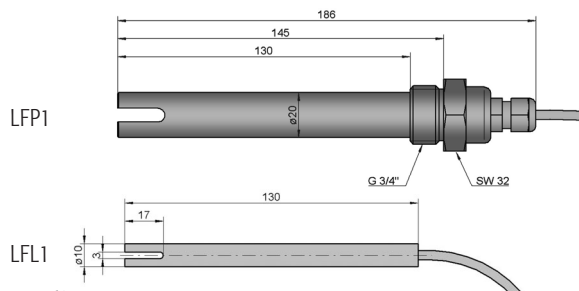


## Conductivity Probe FYA 641 LFP1



### Applications:

Concentrated waste water, aggressive waters, general aqueous and partly aqueous solutions, beer, emulsions, electroplating, waters, concentrated acidic and alkaline solutions, corrosive acids and alkaline solutions, lacquers and paints, substances containing protein, soaps, detergents, suspensions, titrations in organic substances, environmental analysis.

### Accessories:

Reference solution 2.77mS/cm at 25°C

0.02mol KCl, 250ml

Order no. ZB96LFL1

### Types (including manufacturer's test certificate)

Active conductivity probe with automatic temperature compensation, Built-in probe, G 3/4" thread, suitable for use under pressure up to 20mS/cm

**Order no. FYA641LFP1**

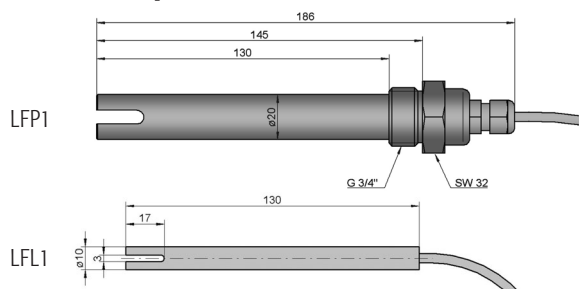
Laboratory probe, not suitable for use under pressure up to 10mS/cm

**Order no. FYA641LFL1**

### Technical Data:

Measuring range:	0.01 to 20mS/cm LFL1 up to 10mS/cm
Temperature sensor:	NTC, type N (10k at 25°C)
Temperature compensation:	0 to +70°C, automatic
Compensation coefficient:	1.9 linear
Cell constant:	approx. 1cm <sup>-1</sup>
Electrode material:	special coal
Accuracy:	
0.01 to 5mS/cm:	± 1% of meas. val. ± 0.05mS
5 to 20mS/cm:	± 2% of meas. val. ± 0.05mS
Nominal temperature:	25°C ± 3°C
Operating temperature:	-5 to 70°C
Minimum insertion depth:	30mm
Shaft material:	PVC - C
Shaft length/shaft diameter:	LFP1: 130mm/20mm LFL1: 130mm/10mm
Fitting length / thread	only LFP1 145 mm / G3/4"
Maximum pressure	LFP1: 16 bar at 25 °C LFL1: not suitable for use under pressure
Cable length:	1.5m
Power supply:	8 to 12V through meas. instr.
Current consumption:	approx. 3mA

## Conductivity Probe FYA 641 LFP2



### Applications:

Low-salt waste water, general aqueous and partly aqueous solutions, fish tanks, emulsions, desalting/ion exchanger, beverages, waters, cold/boiler feed water, lacquers and paints, milk, samples with low ionic strength, substances containing protein, purest water, soaps, detergents, suspensions, drinking water, environmental analysis.

### Accessories:

Reference solution 147µS/cm at 25°C

0.001mol KCl, 250ml

Order no. ZB96LFL2

### Type (including manufacturer's test certificate)

Active conductivity probe 0 ... 200µS/cm with automatic temperature compensation, Built-in probe, G 3/4" thread, suitable for use under pressure

**Order no. FYA641LFP2**

Laboratory probe, not suitable for use under pressure

**Order no. FYA641LFL2**

### Technical Data:

Measuring range:	1 to 200µS/cm
Temperature sensor:	NTC, type N (10k at 25°C)
Temperature compensation:	0 to +70°C, automatic
Compensation coefficient:	1.9 linear
Cell constant:	approx. 1cm <sup>-1</sup>
Electrode material:	special coal
Accuracy:	± 2% of meas. val. ± 0.5µS
Nominal temperature:	25°C ± 3°C
Operating temperature:	-5 to 70°C
Minimum insertion depth:	30mm
Shaft material:	PVC - C
Shaft length/Shaft diameter:	LFP2: 130mm/20mm LFL2: 130mm/10mm
Fitting length / thread	only LFP2 145 mm / G3/4"
Maximum pressure	LFP2: 16 bar at 25 °C LFL2: not suitable for use under pressure
Cable length:	1.5m
Power supply:	8 to 12V through meas. instr.
Current consumption:	approx. 3mA

01/2011 We reserve the right to make technical changes.

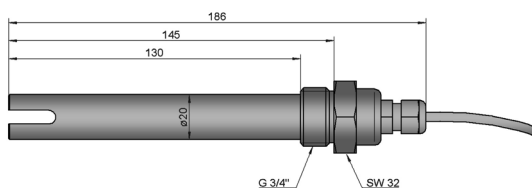
///AHLEBORN

www.ahleborn.com

supplyLAB  
www.supplylab.pt

# WATER ANALYSIS

## Conductivity Probe FYA 641 LFP3



### Applications:

Concentrated waste water, aggressive waters, general aqueous and partly aqueous solutions, beer, emulsions, electroplating, waters, concentrated acid and alkaline solutions, corrosive acids and alkaline solutions, lacquers and paints, substances containing protein, soaps, detergents, suspensions, titrations in organic substances, environmental analysis

### Accessories:

Reference solution 111.8mS/cm at 25°C  
1mol KCl, 250ml Order no. ZB96LFRL3

### Type (including manufacturer's test certificate)

Conductivity probe 0 ... 200mS/cm  
without temp. compensation **Order no. FYA641LFP3**

### Technical Data:

Measuring range:	0 to 200 mS/cm
Temperature sensor:	NTC, type N (10k at 25°C)
Cell constant:	approx. 1cm <sup>-1</sup>
Electrode:	4 electrodes, special coal
Accuracy:	1 mS/cm ± 1.5% of meas. val.
Nominal temperature:	25°C ± 3°C
Operating temperature:	0 to 70°C
Minimum insertion depth:	30mm
Shaft material:	PVC - C
Shaft length:	145mm
Shaft diameter:	20mm
Fitting length / thread	130 mm / G3/4"
Maximum pressure	16 bar at 25 °C
Cable length:	1.5m
Power supply:	8 to 12V through meas. instr.
Current consumption:	approx. 15mA