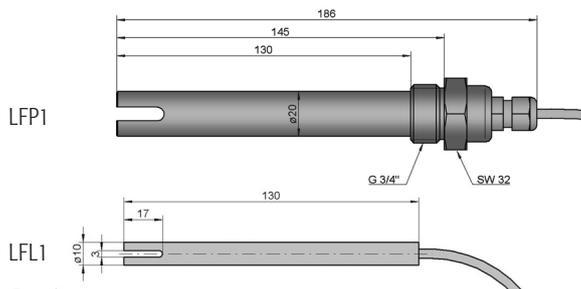


Conductivity Probe FYA 641 LFP1



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. ZB96LFR1

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

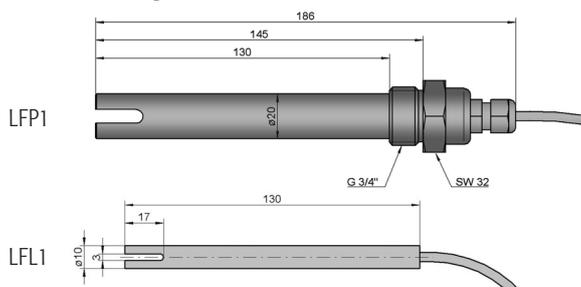
up to 10mS/cm

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 ⁻¹ |
| 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. ZB96LFR2

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

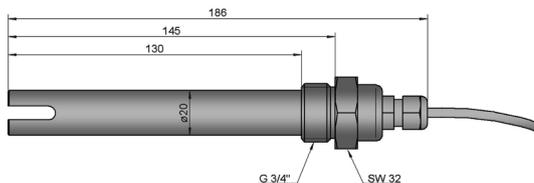
Technical Data:

| | |
|------------------------------|--|
| 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 ⁻¹ |
| 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.

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. ZB96LFR3

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 ¹ |
| 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 |