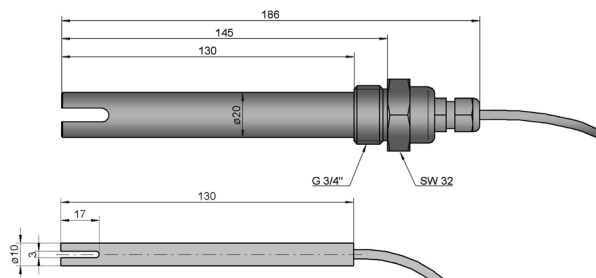


Conductivity Probe FYA641LFP1 / LFL1



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.

Technical Data

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

Accessories

Reference solution 2.77mS/cm at 25°C 0.02mol KCl, 250ml

Order no.

ZB96LFRL

Type (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

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

Factory calibration KY90xx conductivity for measuring chain (sensor + device) (see chapter Calibration certificates)

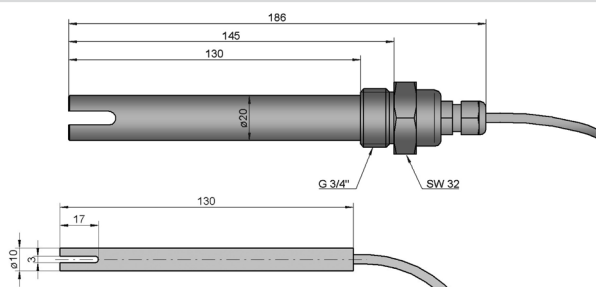
Order no.

FYA641LFP1

FYA641LFL1

Water analysis

Conductivity Probe FYA641LFP2 / LFL2



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.

Technical Data

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

Zubehör

	Order no.
Reference solution 147 $\mu\text{S}/\text{cm}$ at 25°C 0.001mol KCl, 250ml	ZB96LFRL2

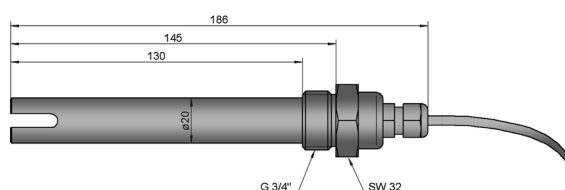
Type (including manufacturer's test certificate)

Active conductivity probe 0 ... 200 $\mu\text{S}/\text{cm}$ with automatic temperature compensation,
Built-in probe, G $\frac{3}{4}$ '' thread, suitable for use under pressure
Laboratory probe, not suitable for use under pressure
Factory calibration KY90xx conductivity for measuring chain (sensor + device) (see chapter Calibration certificates)

Order no.

FYA641LFP2
FYA641LFL2

Conductivity Probe FYA641LFP3



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.

Technical Data

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

Accessories

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

Type (including manufacturer's test certificate)

Conductivity probe 0 ... 200 mS/cm without temp. compensation
Factory calibration KY90xx conductivity for measuring chain (sensor + device) (see chapter Calibration certificates)

Order no.

FYA641LFP3