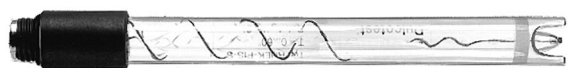


Water analysis

pH One-Bar Measuring Chain FY96PHEK



Applications:

manual measurements e.g. swimming pools, drinking water ...

Technical Data

pH range:	1 ... 12	Reference:	Ag / AgCl (3mol KCl / gel)
Operating range	0 ... 13pH / 0 ... 60°C	Shaft length:	125 ±3mm
Operating pressure:	unpressurised	Shaft diameter:	12mm (polycarbon)
Conductivity:	> 150 µS / cm	Electrode head:	plug head SN6
Diaphragm type:	glass fiber		

Type

pH-one-bar measuring chain pH 1 ... 12, 0 ... 60°C for unpressurised operating

Order no.

FY96PHEK

pH One-Bar Measuring Chain FY96PHER



Applications:

Waste water, drinking water, industrial water, chemical industry, paper industry, food industry ...
(not media contained for chlorine and fluoride, for not frequent temperature fluctuations).

Technical Data

pH range:	1 ... 12	Shaft diameter:	12mm (glass)
Operating range	0 ... 13pH / 0 ... 80°C	screw connection	thread PG13.5
max. pressure:	6 bar	Shaft length:	120 ±3mm
Conductivity:	> 50 µS / cm	Electrode head:	plug head SN6
Diaphragm type:	PTFE ring diaphragm		
Reference:	Ag mit AgCl stock (3mol KCl / polymer)		

Type

pH-one-bar measuring chain pH 1 ... 12; 0 ... 80°C

Order no.

FY96PHER

pH One-Bar Measuring Chain FY96PHEN



Applications:

manual measurements in the laboratory.

Technical Data

pH range:	0 ... 12	KCl-elektrolyt refillable	
Operating range	0 ... 13pH / 0 ... 80°C	Shaft length:	160 ±3mm
Operating pressure:	unpressurised	Shaft diameter:	12mm (material: glass)
Conductivity:	> 150 µS / cm,	Electrode head:	plug head SN6
Diaphragm type:	ceramik diaphragm		
Reference:	Ag / AgCl stock (3mol KCl / liquid)		

Type

pH-one-bar measuring chain pH 0 ... 12, 0 ... 80°C for unpressurised operating

Order no.

FY96PHEN

pH Insertion Electrode FY96PHEE



Applications:

pH-measurements in semi-solid or pasty media,
e.g. foods like meat, cheese ...

Technical Data

pH range:	1 ... 12	KCl-elektrolyt refillable	
Operating range	0 ... 13pH / 0 ... 60°C	Shaft length:	120 ±3mm (glass)
Operating pressure:	unpressurised	Penetrating tip	approx. 45 mm, Ø 6 to 8 mm
Diaphragm type:	3 ceramic diaphragms	Electrode head:	plug head SN6
Reference:	Ag / AgCl (3mol KCl / liquid)		

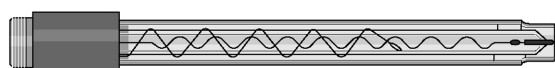
Type

pH-insertion electrode pH 1 ... 12, 0 ... 60°C for unpressurised operating

Order no.

FY96PHEE

Redox-One-Bar Measuring Chain FY96RXEK



Applications:

manual measurements e.g. swimming pools, drinking water ...

Technical Data

Operating temperature	0 ... 60°C	Metal electrode :	platinum
Operating pressure:	unpressurised	Shaft length:	125 ±3mm
Conductivity:	> 150 µS / cm	Shaft diameter:	12 mm (material: plastic)
Diaphragm type:	glass fiber	Electrode head:	plug head SN6

Type

Redox-one-bar measuring chain 0 ... 60°C for unpressurised operating

Order no.

FY96RXEK

Accessories for pH-One-Bar Meas. Chains and Redox-One-Bar Meas. Chain

pH-One-Bar Measuring Chains	Order no.	Redox-One-Bar Measuring Chain	Order no.
ALMEMO® transducer cable for pH probes, 2 m	ZA9610AKY4	ALMEMO® transducer cable for redox probes, 2 m	ZA9610AKY5
5 m	ZA9610AKY4L05	5 m	ZA9610AKY5L05
ALMEMO® transducer cable for pH and redox probes, 2 m	ZA9610AKY6	ALMEMO® transducer cable for pH and redox probes, 2 m	ZA9610AKY6
5 m	ZA9610AKY6L05	5 m	ZA9610AKY6L05
Buffer solution pH 4.0 50 ml	ZB98PHPL4	Redox buffer solution 220 mV	ZB98RXPL2
Buffer solution pH 7.0 50 ml	ZB98PHPL7	KCl solution, 3-molar for refilling and storage, 50ml	ZB98PHNL
Buffer solution pH 10.0 50 ml	ZB98PHPL10		
KCl solution, 3-molar, 50ml for refilling and storage	ZB98PHNL		

Water analysis

ALMEMO® connecting cable for pH and redox probes



Transducer cable with various electrodes

Applications:

Transducer cables are available for all popular electrodes with a coaxial connector. To avoid the measuring signal being corrupted by the measuring instrument itself an extremely high-impedance amplifier is integrated in the ALMEMO® connector on the connecting cable.

Technical Data

Transducer	High-impedance measuring amplifier (>500 Gohm), integrated in the ALMEMO® connector	Electrode terminal	For plug-on head S7/SN6 or SMEK (see variants)
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Type

ALMEMO® connecting cable with transducer (ALMEMO® connector, spray-coated)
For probes with plug-on head S7/SN6 (coaxial connector, screw-fit):

Programming for pH probe

Cable length 2 meters

Cable length 5 meters

Programming for redox probes

Cable length 2 meters

Cable length 5 meters

Programming for pH or redox probe (1 probe connectable at a time)

Cable length 2 meters

Cable length 5 meters

Order no.

ZA9610AKY4
 ZA9610AKY4L05

ZA9610AKY5
 ZA9610AKY5L05

ZA9610AKY6
 ZA9610AKY6L05



Type

ALMEMO® connecting cable with transducer
For probes with SMEK plug-on head

Cable length 2 meters

Programming for pH probe with integrated temperature sensor NTC (30 kohm at 25 °C), linearization saved in ALMEMO® connector (only for current V6 ALMEMO® devices)

Programming for pH probe

Programming for redox probe

Order no.

ZA9640AKY8
 ZA9610AKY8
 ZA9610AKY9

NTC temperature sensor for automatic temperature compensation when measuring pH



Connector programming designation *T for ALMEMO® 2490 and 2590-2/-3S/-4S and (with effect from 07/2006) for ALMEMO® 2690/ 2890/ 5690/ 8590/ 8690

Type

Stainless-steel sheathed sensor (see page 07.06) Diameter 3.0 mm, length 250 mm, Hexagonal cable sleeve with 1.5 meters PVC cable and ALMEMO® connector

Safety hose made from PTFE (for aggressive media) Hermetically sealed on one side, inside diameter 3.0 mm, outside diameter 4.0 mm, length 700 mm

Order no.

FNA30L0250T
 ZT9000TS7