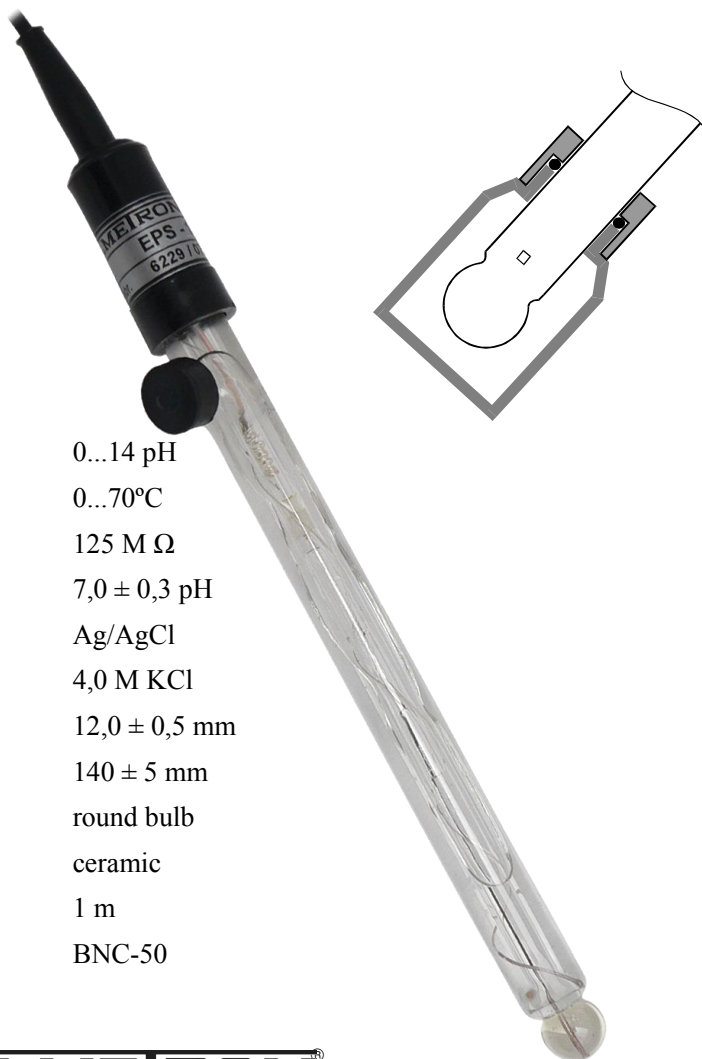


COMBINATION pH ELECTRODE EPS-1

CHARACTERISTICS

Combination pH electrode type EPS-1 is designed for pH measurements in water and water-organic solutions. It may be used both during the laboratory and industrial measurements. The electrode has a glass body with a round bulb ion sensitive membrane. It is easy to clean. The electrode is equipped with one ceramic diaphragm. The electrode is equipped with a side arm for electrolyte refilling. The electrode may be used for measurements in clean solutions. **It can't be used for measurements of viscous samples.** The EPS-1 electrode is characterised by low impedance, short stabilisation time, good linearity at the ends of measuring range and slow electrolyte outflow. The electrode doesn't require activating of the membrane and storing it in a container with water or KCl, because it is equipped with a small bottle which is put at the end of the electrode. This increases the comfort of using, prolongs its lifetime and makes working easier.



TECHNICAL DATA

Measuring Range	0...14 pH
Temperature range	0...70°C
Resistivity of the membrane (in 25°C)	125 M Ω
Zero point (pH _{E=0})	7,0 \pm 0,3 pH
Reference electrode	Ag/AgCl
Reference solution	4,0 M KCl
Body diameter	12,0 \pm 0,5 mm
Body length (without cable socket)	140 \pm 5 mm
Membrane shape	round bulb
Diaphragm material	ceramic
Cable length	1 m
Connector	BNC-50

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* the manufacturer reserves the right to change the outside look of the electrode and cap