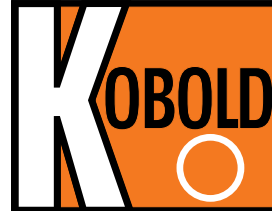




KOBO-pH

Liquid KCl Filled pH Combined Electrode
Model APS-X2Q



measuring
•
monitoring
•
analysing

EXPERT-LINE



- Measuring range
pH 1 to 12
- Temperature range
-15 to +80 °C
- KCl liquid electrolyte fill
allowing service as well
with low conductivities
 $\geq 1 \mu\text{S/cm}$
- Ceramic diaphragm
- Option:
integrated
temperature sensor



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Model:
APS-X2Q



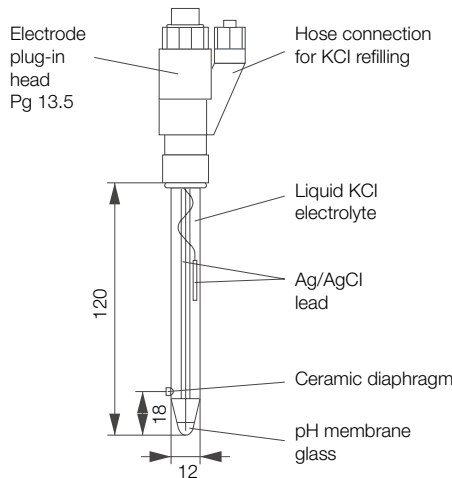
Description

The electrode filled with liquid KCl is used in media with very low conductivities ($\geq 1 \mu\text{S/cm}$), for example in high-purity water analysis or boiler feed water analysis. It is used as well in applications where the high concentration of organic solvents or alcohols which do not allow the use of a maintenance-free KCl gel filled electrode.

The electrode can be used up to a maximum pressure of 8 bar with back-pressure loading. A built-in temperature sensor Pt 100 is available as an option.

The length of the electrode is 120 mm. The connection head is a conduit thread 13.5 screwing.

Connection cable model APK-X is required when using the electrode.



Technical Datas

Material:	process-compatible glass
Diaphragm:	ceramic
pH-value:	1...12
Temperature range:	- 15 ... + 80 °C
Length of shank:	120 mm
Diameter:	12 mm
Threaded plug head:	conduit thread 13.5
Minimum conductivity:	$\geq 1 \mu\text{S/cm}$ at 1 Diaphragm
KCl consumption	($\Delta p=0.1 \text{ bar}$, $t=25^\circ\text{C}$): max. 3 mL/day

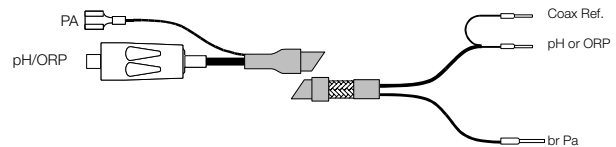
Connection cable and connector socket for pH electrodes model APS-X2Q

- Measuring cable with outer screen and coaxial conductor
- Cable sheath: PVC
- Cable diameter: 7 mm, 5 mm (APK-X5S)
- Thermostability: - 25 ... + 85 °C
- 10 ... + 80 °C (APK-X5S)
- Length: 5 metre

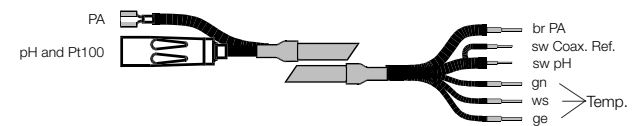
Standard coaxial cable APK-X5S



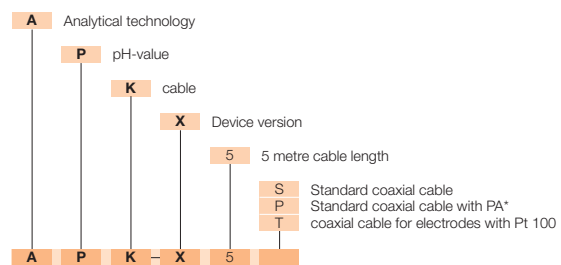
Standard coaxial cable with PA* APK-X5P



Coaxial cable for electrodes with Pt 100 APK-X5T



Type codes APK-X (cable)



* when using a fitting with an equipotential bonding pin (PA), in order to discharge any disturbance potentials and to ensure higher EM compatibility.

Type codes APS-X2Q (electrode)

