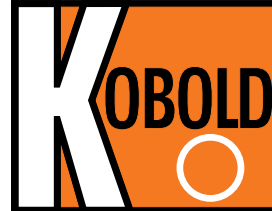




# KOBO-pH

Gel-filled pH-Combined Electrode  
Model APS-Z



measuring  
•  
monitoring  
•  
analysing

## COMPACT-LINE



- Measuring range pH 0 to 12
- KCl gel fill  
(0% silver ions)
- Salt distillate for  
longer life time
- Ceramic diaphragm  
or  
PTFE ring diaphragm  
(for very dirty or oily media)
- Integrated Pt 100 optional
- Rated pressure  
up to 10 bar
- Temperature range  
-5 °C to +80 °C
- Discharge system Ag/AgCl  
as a cartridge



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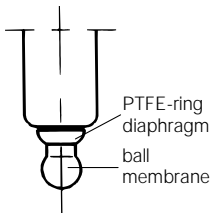
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**Model:**  
APS-Z

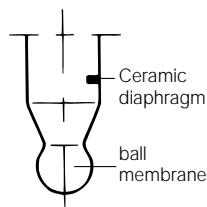


**Description**

The standard combined electrode for general pH measurements is filled with KCl gel (0% silver ions) and contains a salt distillate, which guarantees longer stability times. The discharge system Ag/AgCl has been designed as a cartridge. The combined electrode version with PTFE ring diaphragm is especially suitable for tough service conditions, for example, service in clarification plants or in oily and very soiled media. A temperature sensor Pt-100 can be integrated (SMEK screwed head conduit thread 13.5 version). The electrode can resist pressure up to 10 bar. Its dimensions are 120 x 12 mm (DIN 19 263).



Electrode with PTFE ring diaphragm

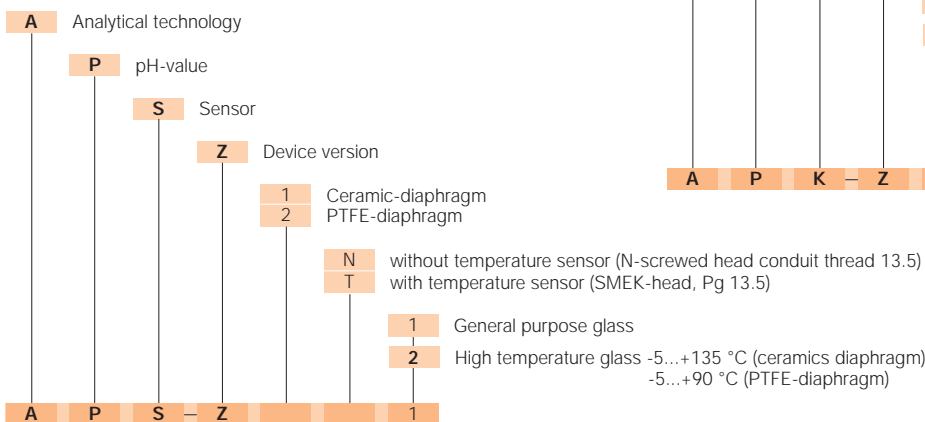


Electrode with ceramic diaphragm

**Technical Datas**

Material:	general-purpose glass
Diaphragm:	ceramic, diameter 1 mm PTFE, annular
pH-values:	pH 0 to 12
Temperature range:	-5 to +80 °C
Pressure range:	up to 10 bar
Length of shank:	120 mm
Diameter:	12 mm
Threaded plug head:	conduit thread 13.5
Minimum conductivity:	100 µS/cm

**Type codes (combined electrode)**



**Connection cable APK-Z for pH electrodes model APS-Z**

- For pH measurement with an electrode without temperature sensor, type APK-Z...K  
 Low noise coaxial cable  
 Diameter: 5 mm in black  
 Thermostability: -25 - +70 °C  
 Length: 5 metre



- For pH measurement with an electrode with temperature sensor, type APK-Z...S  
 Low noise coaxial cable with SMEK Plug head (3 stranded cables and shielding)  
 Diameter: 5.5 mm in black  
 Thermostability: -25 - +80 °C  
 Length: 5 metre

**Type codes (cable)**

