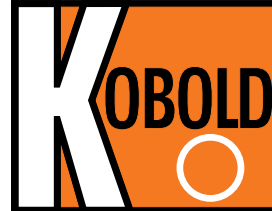




KOBO-RP

Gel Filled ORP Combined Electrode
Model ARS-Z



measuring
•
monitoring
•
analysing

COMPACT-LINE



- Standard electrode with active section made of platinum or gold for ORP measurement
- gel fill (0% silver ions)
- Salt bridge for longer life time
- Ceramic diaphragm or PTFE ring diaphragm (for very soiled or oily media)
- Rated pressure up to 10 bar
- Temperature range from -10 to +90 °C
- Discharge system Ag/AgCl cartridge



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Model:
ARS-Z

Description

The standard combined electrode for measurement of ORP is filled with KCl gel (0% silver ions) and contains a salt distillate which guarantees longer stability times. The discharge system is in cartridge form.

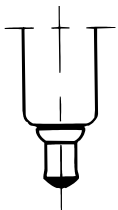
The combined electrode in the version with PTFE ring diaphragm is especially suited for service under difficult conditions, for example, service in clarification plants or with oily and very soiled media.

The electrode is pressure resistant up to 10 bar. Its dimensions are: 120 x 12 mm (DIN 19 263).

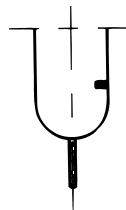
Selection of ORP electrodes

The selection of the ORP electrode depends primarily on the type of measured medium. The following basic rules should be followed:

- Gold-electrode
for oxidizing media,
for example cyanide oxidation, nitrite oxidation, ozone measurement and hydrogen-peroxide measurement
- Platinum electrode
Platinum for reducing media, for example chromate reduction, chlorine dosing in swimming pools.



Electrode with PTFE ring diaphragm and platinum cap



Electrode with ceramic diaphragm and gold pin

Technical Datas

Material:	General-purpose glass
Active section:	Gold or platinum
Diaphragm:	Ceramic, diameter 1 mm PTFE, annular
Temperature range:	-10 ... + 90 °C
Pressure range:	to 10 bar
Length:	120 mm
Diameter:	12 mm
Threaded plug head:	Conduit thread 13.5

Connection cable for ORP electrodes

Low noise coaxial cable

Diameter: 5 mm in black

Thermostability: -25...+ 70 °C

Length: 5 metre



Order code (cable): APK-Z5K

Order code (combined electrode)

