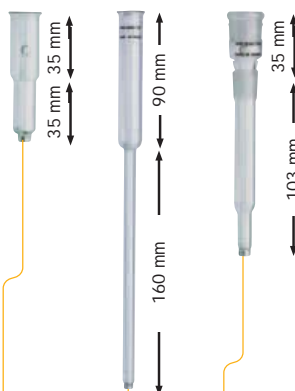




## Salt-bridge junctions



Type	AL100	AL110	AL120
Part no.	B40A520	B40A550	B40A610
Lower diameter	12 mm	8 mm	8 mm
Junction	Ceramic	Ceramic	Ceramic
Special features	for Ø 7.5 or 8 mm ref. electrodes		for ref. electrodes with ground joint

During measurement, the salt-bridge junction (also called liquid junction protection tube) prevents the reference electrode from being contaminated by the media and vice-versa. It consists of a glass tube terminated by a liquid junction. Always ensure the filling solution used corresponds to the application.

## Temperature sensors



Type	T101	T201	T202
Part no.	E51M003	E51M001	E51M002
Temperature range	-10 – 105°C	-10 – 105°C	-10 – 105°C
Diameter	7.5 mm	7.5 mm	7.5 mm
Material	Glass	Glass	Glass
Connection	PYE	Cinch	Cinch
Instrument	PHM83/85 ION83/85 CDM83	PHM2XX CDM2XX PHM9X	PHM2XX CDM2XX PHM9X

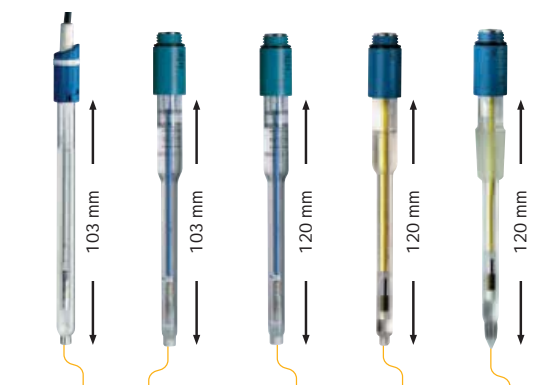
For pH measurements and measurements with ion-selective electrodes and conductivity cells, use of a temperature sensor is recommended because temperature affects the results.

## Obtaining accurate and reproducible results: some tips

✓ To ensure a stable reference potential, the salt-bridge solution should not be more than 5 mm below the electrode filling hole. Top up when required.

✓ Always read the proper storage conditions described in the operating instructions.

✓ Clean your electrodes regularly. The operating instructions give details of the most suitable cleaning procedure. A correctly maintained reference electrode has a lifetime of approximately 2 years.



Chloride free		Voltammetry		
Hg/Hg <sub>2</sub> SO <sub>4</sub>	Hg/Hg <sub>2</sub> SO <sub>4</sub>	Hg/Hg <sub>2</sub> SO <sub>4</sub>	Hg/HgO	Hg/HgO
REF601*	REF621*	XR200*	XR400*	XR440*
E21M012	E21M006	B20B200	B20B400	B20B440
0 – 60°C	0 – 60°C	0 – 60°C	0 – 60°C	0 – 60°C
7.5 mm	8 mm	8 mm	8 mm	8 mm
Porous pin	Porous pin	Porous pin	Porous pin	Fibre
Banana	Screw cap plug	Screw cap	Screw cap	Screw cap
Sat. K <sub>2</sub> SO <sub>4</sub>	Sat. K <sub>2</sub> SO <sub>4</sub>	Sat. K <sub>2</sub> SO <sub>4</sub>	0.1 M KOH	1 M KOH

\* These Electrodes Contain Mercury.  
Dispose According To Local, State Or Federal Regulations.