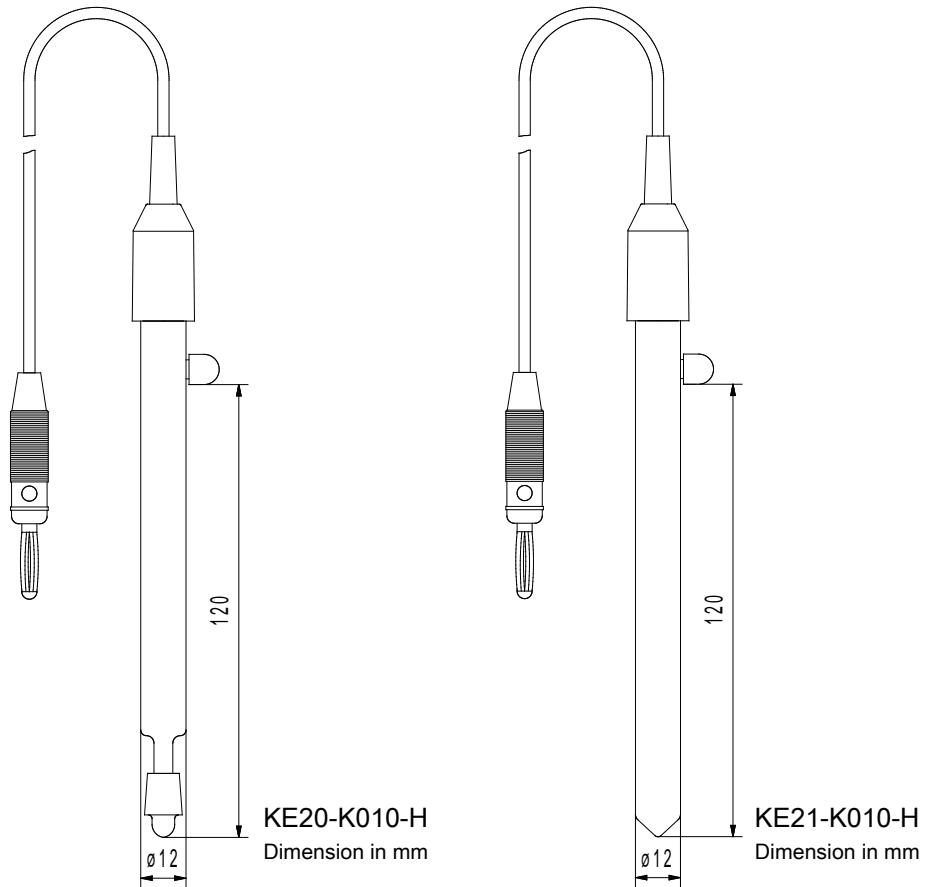


KE20, KE21

Reference Electrodes



The reference electrodes KE20 and KE21 with internal $\text{Hg}/\text{Hg}_2\text{Cl}_2$ reference system are used if the exit of silver ions is undesired.

In addition to the version with plug head system and separated cable connection, models with fixed cable are available.

Electrode shaft	glass, Ø 12 mm
Shaft length	120 mm
Temperature range	-5...100 °C
Reference system	Hg/Hg ₂ Cl ₂
Electrolyte	fluid (saturated) with KCl reserve, refillable
Diaphragm	<ul style="list-style-type: none"> ▪ KE20: 1 flexible sleeve junction ▪ KE21: 1 ceramic junction
Resistance (Diaphragm)	< 10 kΩ
Minimal immersion depth	<ul style="list-style-type: none"> ▪ KE20: 20 mm ▪ KE21: 10 mm
Electrical connection	<ul style="list-style-type: none"> ▪ S7 coaxial lab plug head ▪ fixed cable
Process connection	<ul style="list-style-type: none"> ▪ with the relevant configuration thread PG 13.5 at sensor shaft for direct mounting in housings ▪ installation vertically or laterally up to 30° from vertical

- Electrical connections of the sensor:
 - KE20-L: S7 coaxial lab plug head; separate connection cable is required
 - KE20-K010-H: 1 m fixed cable, banana plug
 - KE20...: standard model KE20 (plug head; cable length [1 m, 2 m, 5 m, 10 m], special cable length, plug, thread PG 13.5 are available)
 - KE20 (OEM): customer specially designed models (sensor length, OEM logo, ...)

- Accompanying plug head cable connections:
 - K43/2: coaxial cable, length 2 m with S7/S8 socket, without meter plug
 - K50/2: coaxial cable, length 2 m with S7/S8 socket and German DIN plug
 - K51/2: coaxial cable, length 2 m with S7/S8 socket and BNC plug