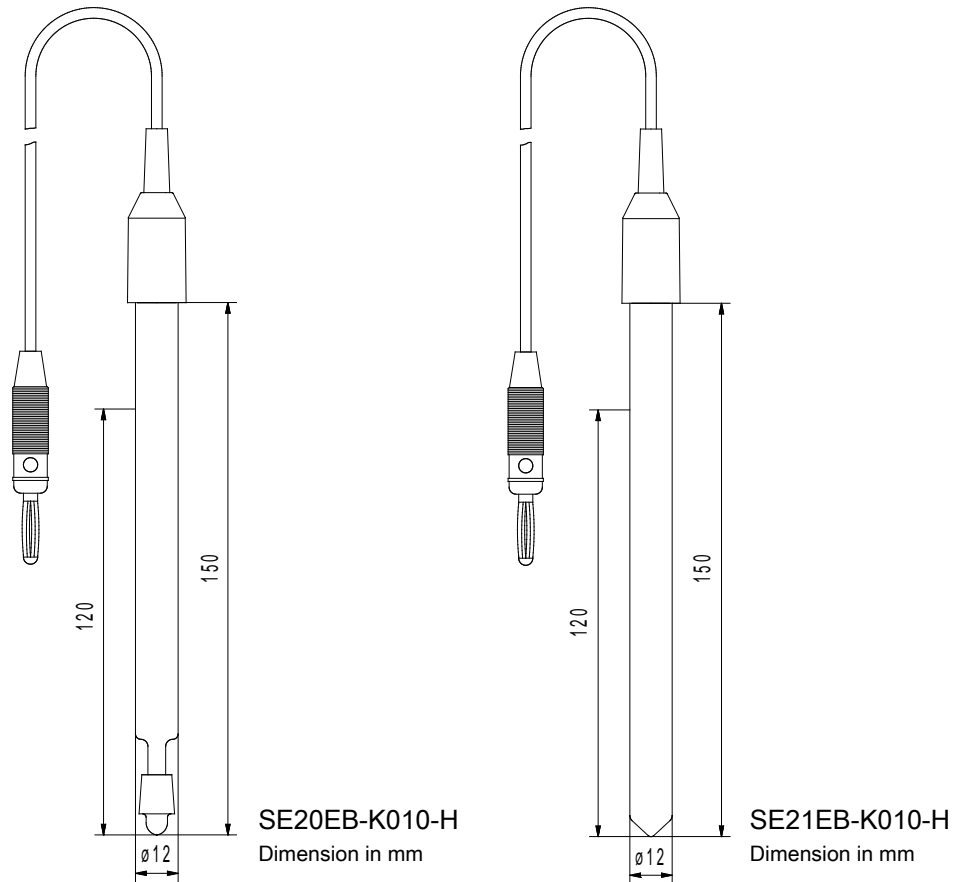


SE20EB, SE21EB

Reference Electrodes



Reference electrodes with internal Ag/AgCl reference system are used in connection with single pH, redox or ion-selective measurement electrodes. The reference electrodes with electrolyte bridge SE20EB and SE21EB are recommended especially for ion-selective measurements because different bridge electrolytes can be used for different ion measurements.

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

Electrode shaft	glass, Ø 12 mm
Shaft length	160 mm
Temperature range	-5...100 °C
Reference system	Ag/AgCl sintered body
Electrolyte	fluid (saturated) with KCl reserve, refillable
Bridge electrolyte	customer request
Diaphragm	<ul style="list-style-type: none"> ▪ SE20EB: 1 flexible sleeve junction (outside) 2 ceramic (inside) ▪ SE21EB: 1 ceramic (outside) 2 ceramic (inside)
Resistance (Diaphragm)	< 5 kΩ
Minimal immersion depth	<ul style="list-style-type: none"> ▪ SE20EB: 20 mm ▪ SE21EB: 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:
 - SE20EB-L: S7 coaxial lab plug head; separate connection cable is required
 - SE20EB-K010-H: 1 m fixed cable, banana plug
 - SE20EB...: standard model SE20EB
(plug head; cable length [1 m, 2 m, 5 m, 10 m],
special cable length, plug, thread PG 13.5 are available)
 - SE20EB (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

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