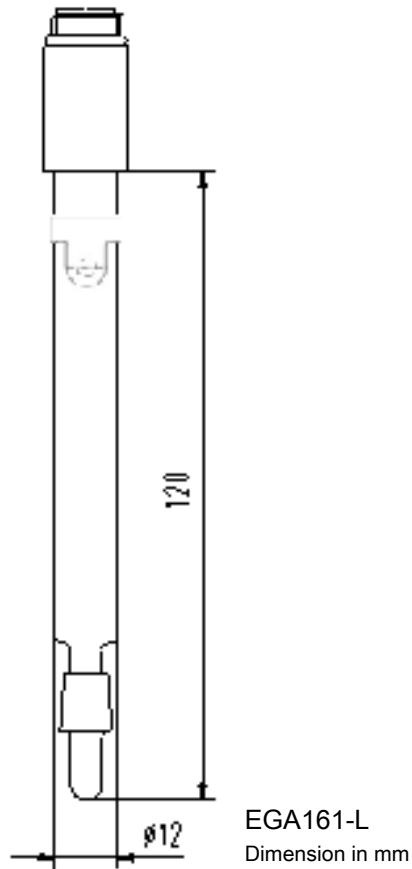


EGA161

pH Combination Electrode



This pH combination electrode with detachable glass ground sleeve diaphragm and large low-resistant pH membrane glass is the ideal choice for difficult applications in samples with low ionic strength, like ultra clean water and drinking water with low conductivity. The electrode features flexible glass sleeve ring diaphragm for adjustment of the electrolyte flow and an extremely large cylindrical pH membrane.

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
Immersion length	120 mm
pH range	0...14
Temperature range	-5...80 °C
Membrane shape	cylinder
Membrane resistance	≤ 500 MΩ (25 °C)
Reference system	Ag/AgCl
Electrolyte	fluid (about 3 M KCl), refillable
Diaphragm	1 flexible glass sleeve junction
Isopotential point	7.0 ± 0.3
Minimum conductivity of the medium	20 µS/cm
Minimum immersion depth	32 mm
Pressure	pressureless
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:
 - EGA161-L: S7 coaxial lab plug head; separate connection cable is required
 - EGA161-K010-D: 1 m fixed cable, DIN plug
 - EGA161...: standard model EGA161 (plug head; cable length [1 m, 2 m, 5 m, 10 m], special cable length, plug, thread PG 13.5 are available)
 - EGA161 (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