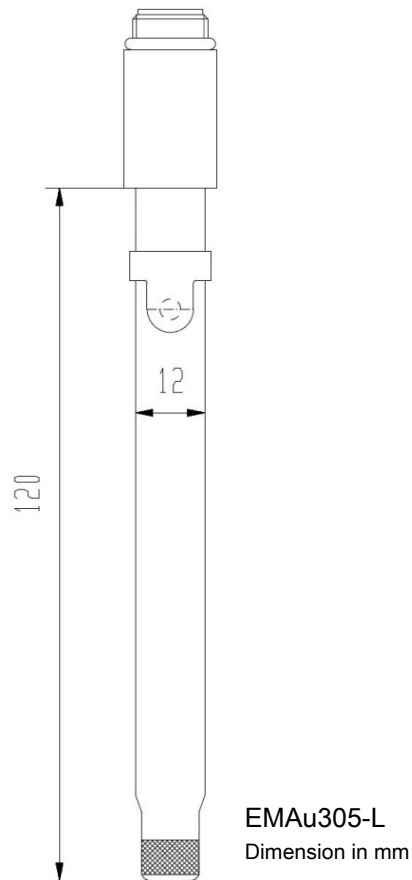


EMAu305

Gold Redox/ORP Combination Electrode



This Redox/ORP combination electrode with large-sized gold ring features laboratory application in strong oxidizing media. The gold ring increases mechanical stability and decreases dependence on flow.

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

Electrode shaft	glass, Ø 12 mm
Immersion length	120 mm
Metal electrode	gold ring Ø 10 x 6 mm
Temperature range	-5...80 °C
Reference system	Ag/AgCl
Electrolyte	fluid (about 3 M KCl), refillable
Diaphragm	1 ceramic frit
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:**

- EMAu305-L: S7 coaxial lab plug head; separate connection cable is required
- EMAu305-K010-B: 1 m fixed cable, BNC plug
- EMAu305...: standard model EMAu305 (plug head; cable length [1 m, 2 m, 5 m, 10 m], special cable length, plug, thread PG 13.5 are available)
- EMAu305 (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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