

GR 105 / GR 175



ORP electrodes



- BNC connector, GR175: optional S7
- Platinum electrode
- Industrial quality
- Up to 80°C

DESCRIPTION

The ORP-(REDOX-) electrodes are designed to determine the redox value in natural waters and disinfection facilities, in pools, and in water treatment. The voltage value is evaluated, for example, using pH meters with mV display; the underlying reference system is silver/silver chloride.

SPECIFICATION

	GR 105-BNC	GR 175-BNC	GR 175-S7
Operating range:	standard ORP electrode	long-term stable, low-maintenance ORP electrode	
Pressure:	±2000 mV, 0...80 °C, >100 µS/cm	±2000 mV, 0...80 °C, >100 µS/cm	
Reference electrolyte:	pressure less	max. 6 bar (with PG13.5 thread)	
Diaphragm type:	3 mol/l KCl	3 mol/l KCl (Gel)	
Membrane shape:	2x ceramic	2x ceramic	
Tube:	dome	dome	
Connection:	tyril, approx. Ø12 x 120 mm	glass, approx. Ø12 x 120 mm	
Operating range:	BNC	BNC	S7 connection
Cable:	1 m	1 m	-- *)

*) Note: cable GEAK-2S7-BNC or GEAK-5S7-BNC is needed for connection S7
(additional adapter GAD 1 BNC is required for measurement devices with cinch plug)

ORDERING CODE

ORP/Redox-Electrode

GR105 - 1 - 2

1	Connection	
	BNC	BNC-plug
	LE	Loose ends with ferrules
2	Cable length	
	L01	1 m
	L02	2 m
	L05	5 m

ORP/Redox-Electrode, pressure resistant

GR175 - 1 - 2

1	Connection	
	BNC	BNC-plug
	S7	S7 Plug
	LE	Loose ends with ferrules
2	Cable length	
	-	no cable (S7)
	L01	1 m
	L02	2 m
	L05	5 m

STANDARD ARTICLES

GR 105-BNC	ORP-electrode, BNC, 1 m	Art no. 607798
GR 175-BNC	ORP-electrode pressure resistant 6 bar, BNC, 1 m	Art no. 607801
GR 175-S7	ORP-electrode pressure resistant 6 bar, S7 plug, no cable	Art no. 607802

SUITABLE INSTRUMENTS

ECO 511	Waterproof pH/ORP-meter with Pt1000 input and alarm (formerly G 1501) Device in carton box, test-protocol, batteries, manual, without electrode	Art no. 486763
PRO 511	Waterproof pH-/ORP-/temperature measuring instrument, graphic display incl batteries, Quickstart, device in carton box, test-protocol, without electrode	Art no. 488814
PRO 515	Waterproof pH-/ORP-/temperature measuring instrument, graphic display, data logger incl batteries, Quickstart, device in carton box, test-protocol, USB-cable, without electrode Free Software ProXware downloadable from Senseca website	Art no. 488815
PRO 595	Multifunctional water analysis handheld for DX - digital sensors and pH electrodes, graphic display data logger incl batteries, Quickstart, USB-C cable, device in carton box, without probes. Free Software ProXware downloadable from Senseca website	Art no. 488748