
Slope of the pH probe:	57.2 ± 2mV/ pH at 25 °C
Zero point of the pH probe:	8.65 ±1 pH
Isotherm intersection of the pH probe:	1.35 ±1 pH, 420mV
mV range of the pH probe:	+600 to -400mV
mV range of the ORP probe:	+2000 to -2000mV
Internal resistance of the pH measuring electrode:	10 ⁸ -10 ⁹ Ω at 25 °C
Internal resistance of the reference electrode:	10 ⁴ -10 ⁵ Ω at 25 °C
Diaphragm resistance:	approx. 50KΩ
Insulation resistance:	≥ 10 ¹² Ω
Internal capacitance (with connection cord):	≤ 10nF
Internal inductance (with connection cord):	negligible
Permitted operating temperature:	-5 bis +140°C
Permitted operating pressure:	-1/+9bar
Max. ambient temperature:	50 °C
Thermal shock resistance:	ΔT = 120°C
Resistance:	refer to figure 3, section 6.1
Measuring error (pH value):	± 0.1 pH
Measuring error (ORP value):	± 10mV

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 Defining the standard

Pfautler GmbH
 P.O. Box 1780 D-68721 Schwetzingen
 Pfautlerstraße D-68723 Schwetzingen
 Phone +49 6202 85-233
 Telefax +49 6202 85-273
 E-mail info@pfautler-instrumentation.com

www.pfautler-instrumentation.com