



Measuring range	pH 3 to pH 12
Operating temperature	-5 bis +140°C
Operating pressure	40 bar, no pressure compensation (max. 100 bar optional)
Measuring chain zero	pH 7 to pH 14 (product-dependent)
Slope	min. 50 mV/pH at 25 °C
Temperature compensation	with Pt 100 resistance thermometer
Thermal shock resistance	max. 130 °C
Transmitter requirements	
Inputs	2 symmetrical high-resistance inputs > 1 x 10 ¹² Ω
Zero point	selectable between pH 0 and pH 14
Uis compensation	between -500 and +500 V or for IS-pH 3
Temperature compensation	with Pt 100 resistance thermometer

Table 1 Dimensions of type 40

diameter (mm)	42 to 184
length (mm)	300 to 3200

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 Defining the standard

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