








## Overview Electrodes, Measuring Cells and Sensors

Feature			Type	Illustration	pH sensors	Redox Combination Electrodes	Metal Electrodes	Reference Electrodes	Conductivity Measuring Cells	Temperature Sensors
Measuring Unit	Material	special-purpose glass, high alkaline			X	-	-	-	-	-
		special-purpose glass, hydrofluoric acid resistant			X	-	-	-	-	-
		platinum			-	X	X	-	X	X
		gold			-	X	X	-	-	-
		silver			-	X	X	-	-	-
		sulfide coated silver			-	X	X	-	-	-
		antimony			-	-	X	-	-	-
		graphite			-	-	-	-	X	-
		stainless steel			-	-	-	-	X	-
	Design	hemispheric membrane			X	-	-	-	-	-
		pin			-	-	X	-	-	-
		calotte			-	X	X	-	-	-
		bar			-	-	X	-	-	-
		2-pin			-	-	X	-	X	-
		3-ring			-	-	-	-	X	-
		coaxial			-	-	-	-	X	-
		chip			-	-	-	-	-	X
Reference System	Diaphragm / membrane	ceramics inlay			X	X	-	X	-	-
		PTFE ring			X	X	-	X	-	-
		circular gap			X	-	-	-	-	-
		special-purpose glass membrane, high alkaline			-	X	-	X	-	-
		special-purpose glass membrane, hydrofluoric acid resistant			-	X	-	X	-	-
					-	X	-	X	-	-
	Conduction	KCl <sub>3,5M</sub>			X	X	-	X	-	-
		gel			X	X	-	X	-	-
		polygel			X	X	-	X	-	-
		KCl <sub>3,5M</sub> with ion exchanger			X	X	-	X	-	-
Shaft- or Housing Material		normal-purpose glass			X	X	X	X	X	X
		PMMA			X	X	X	X	-	-
		PVC			-	-	X	-	X	X
		PVDF			-	-	-	-	X	X
Temperature Compensation or Temperature Measurement		PT100			X	X	X	X	X	X
		PT1000			X	X	X	X	X	-
		NTC			-	-	-	-	X	-
		none			X	X	X	X	X	-
Electrical Connection		threaded plug head connector PG 13,5*			X	X	X	X	X	X
		plug head connector S+*			X	X	X	X	X	X
		fixed connection			X	X	X	X	X	X
		3-pin coupler socket (+PE)			-	-	-	-	X	-
Installation Length		according to customer request			X	X	X	X	X	X

\*coaxial connection without temperature compensation, in case of temperature compensation 3- or 4-pin connection

In addition to the displayed order options special customized designs are certainly possible.