

## Technical specifications

132

6.05 Ion-selective electrodes	Max. installation length (mm)	Shaft diameter top (mm)	Shaft diameter bottom (mm)	Min. immersion depth (mm)	Shaft material	Plug-in head	Type	Temperature range short-term (°C)	Temperature range long-term (°C)	Shape	Measuring range	pH range
6.0502.100	125	12	12	1	EP	G	Crystal (Br)	0...50	0...50	Flat	1x10 <sup>-6</sup> ...1 mol/L	0...14
6.0502.120	125	12	12	1	EP	G	Crystal (Cl)	0...50	0...50	Flat	1x10 <sup>-5</sup> ...1 mol/L	0...14
6.0502.130	125	12	12	1	EP	G	Crystal (CN)	0...80	0...80	Flat	8x10 <sup>-6</sup> ...10 <sup>-2</sup> mol/L	10...14
6.0502.140	125	12	12	1	EP	G	Crystal (Cu)	0...80	0...80	Flat	1x10 <sup>-8</sup> ...0.1 mol/L	2...12
6.0502.150	125	12	12	1	EP	G	Crystal (F)	0...80	0...80	Flat	1x10 <sup>-6</sup> ...sat. mol/L	5...7
6.00500.600	125	12	6	20	Glass	U	Crystal (F)	0...50	0...40	Flat	1x10 <sup>-6</sup> ...sat. mol/L	5...7
6.00500.300	125	12	6	20	Glass	Q	Crystal (F)	0...50	0...40	Flat	1x10 <sup>-6</sup> ...sat. mol/L	5...7
6.0502.160	125	12	12	1	EP	G	Crystal (I)	0...50	0...50	Flat	5x10 <sup>-8</sup> ...1 mol/L	0...14
6.0502.170	125	12	12	1	EP	G	Crystal (Pb)	0...80	0...80	Flat	1x10 <sup>-6</sup> ...0.1 mol/L	4...7
6.0502.180	125	12	12	1	EP	G	Crystal (Ag/S)	0...80	0...80	Flat	1x10 <sup>-7</sup> ...1 mol/L	2...12
6.0506.100	125	12	12	5	PEEK/POM	G	NH <sub>3</sub> -permeable membrane	0...50	0...50	Flat	5x10 <sup>-6</sup> ...10 <sup>-2</sup> mol/L	11
6.0506.150	125	12	12	5	PEEK/POM	G	NH <sub>3</sub> -permeable membrane	0...50	0...50	Flat	10 <sup>-4</sup> ...1 mol/L	11
6.0507.010	125	12	2.5	20	PVC	G	Polymer (Non-ionic surfactants)	0...40	0...40	Pin	surfactant-dependent	0...12
6.0507.120	125	12	2.5	20	PVC	G	Polymer (Ionic surfactants)	0...40	0...40	Pin	surfactant-dependent	0...12
6.0507.130	125	12	12	5	POM	G	Graphit (Ionic surfactants)	10...50	10...50	Flat	surfactant-dependent	0...10
6.0507.140	125	12	12	1	PEEK	G	Graphit (Ionic surfactants)	0...40	0...40	Flat	surfactant-dependent	0...13
6.0507.150	125	12	2.5	20	PVC	G	Polymer (Ionic surfactants)	0...40	0...40	Pin	surfactant-dependent	0...12
6.0501.100	100	12	12	20	Glass	G	Glass (Na)	0...80	0...80	sphere	5x10 <sup>-5</sup> ...1 mol/L	5...9
6.0508.100	125	12	12	1	PVC	G	Polymer (Na)	0...40	0...40	Flat	5x10 <sup>-7</sup> ...1 mol/L	3...12
6.0508.110	125	12	12	1	PVC	G	Polymer (Ca)	0...40	0...40	Flat	5x10 <sup>-6</sup> ...1 mol/L	2...12
6.0510.100	113	12	12	10	PMMA/PP	G	Polymer (Ca)	0...40	0...40	Flat	5x10 <sup>-7</sup> ...1 mol/L	2...12
6.00502.300	113	12	12	10	PMMA/PP	Q	Polymer (Ca)	0...40	0...40	Flat	5x10 <sup>-7</sup> ...1 mol/L	2...12
6.0510.110	113	12	12	10	PMMA/PP	G	Polymer (K)	0...40	0...40	Flat	1x10 <sup>-7</sup> ...1 mol/L	2.5...11
6.00510.120	113	12	12	10	PMMA/PP	G	Polymer (NO <sub>3</sub> )	0...40	0...40	Flat	1x10 <sup>-6</sup> ...1 mol/L	2.5...11

133

6.07 Reference electrodes	Max. installation length (mm)	Shaft diameter top (mm)	Shaft diameter bottom (mm)	Min. immersion depth (mm)	Shaft material	Plug-in head	Temperature range short-term (°C)	Temperature range long-term (°C)	Diaphragm	Reference electrolyte	Bridge electrolyte	Outflow (microl/h) in relation to 3 mol/L KCl	Reference system	Max Reference resistance (kOhm) in relation to 3 mol/L KCl
6.0724.140	43	12	8	20	Glass	B	0...80	0...80		variable		0		1
6.0726.100	100	12	12	10	Glass	B	0...80	0...80	Ground-joint	variable	variable	5...50	Ag wire/AgCl	3
6.0726.107	100	12	12	10	Glass	B	0...80	0...80	Ground-joint	c(KCl)=3 mol/L	c(KCl)=3 mol/L	5...50	Ag wire/AgCl	3
6.0726.110	138	12	8	10	Glass	B	0...80	0...80	Ground-joint	variable	variable	5...50	Ag wire/AgCl	3
6.0729.100	100	12	12	10	Glass	G	0...80	0...80	Ground-joint	variable	variable	5...50	Ag wire/AgCl	3
6.0729.110	138	12	12	10	Glass	G	0...80	0...80	Ground-joint	variable	variable	5...50	Ag wire/AgCl	3
6.0736.110	178	12	6.4	10	Glass	B	0...80	0...80	Ground-joint	variable		5...50	Ag wire/AgCl	3
6.0733.100	100	12	6	5	Glass	B	0...80	0...80	Ceramic	c(KCl)=3 mol/L		5...25	LL system	3
6.0750.100	125	12	12	1	Glass	B	0...80	0...80	Fixed ground-joint	c(KCl)=3 mol/L (Gel)	c(KCl)=3 mol/L	5...30	Ag wire/AgCl	40
6.0728.100	53	15	7	3	PCTFE	5.5 mm	0...60	0...60	Ceramic	variable		1...2.5	Ag wire/AgCl	3
6.0728.120	53	15	7	3	PCTFE	5.5 mm	0...60	0...60	Ceramic	c(KCl)=3 mol/L		1...2.5	Ag wire/AgCl	3
6.0728.130	53	15	7	3	PCTFE	5.5 mm	0...60	0...60	Ceramic	c(KCl)=3 mol/L		1...2.5	LL system	5
6.0730.100	65	12	6	3	Glass	5.5 mm	0...40	0...40	Ceramic	c(KCl)=3 mol/L (thickened)			LL system	20