

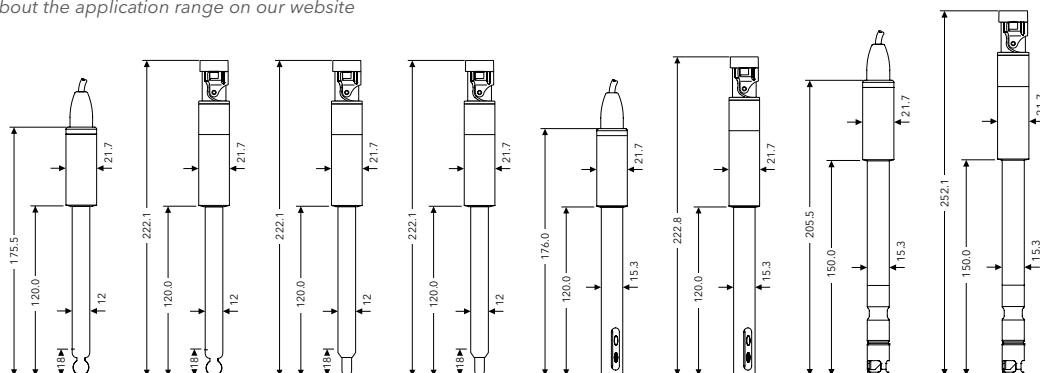


IDS Sensors for the Drinking Water Panel



Intelligent, digital sensors based on the proven electrochemical measuring methods of the WTW brand – in combination with the pre-configured panels, the suitable solution for continuous drinking water monitoring.

We would like to inform you about the application range on our website



	SenTix®		SensoLyt®		TetraCon®		FDO®	
Models	945	945-P	900-P	ORP 900-P	925 (-3)	925-P	925 (-3)	925-P
Measuring method	Potentiometric				Conductometric (4-electrode cell)		Optical	
Measuring parameter	pH value			ORP	Conductivity		Dissolved oxygen	
Measuring range	0.000 ... 14.000 pH		0.000 ... 12.000 pH	-1250,0 ... +1250.0 mV	κ: 0.0 µS/cm ... 2000 mS/cm SAL: 0.0 ... 70.0 TDS: 0 mg/l ... 199.9 g/l		0.00 ... 20.00 mg/l 0.0 ... 200.0 %	
Resolution	0.001 pH; 0.1 mV			0.1 mV	κ: up to 0.1 µS/cm or 0.01 mS/cm; SAL: 0.1 TDS: up to 1 mg/l or 0.01 g/l		0.01 mg/l 0.1 %	
Accuracy	±0.004 pH; ±0.2 mV (IDS measuring technology)			±0.2 mV	±0.5 % of measured value		±1.5 %	
Temperature sensor	integrated, NTC (30 KΩ)							
Electrical connection	Fixed cable	Plug head*			Fixed cable	Plug head*	Fixed cable	Plug head*
Certifications	CE, UKCA							
Mechanical	Diaphragm: 3x ceramic Electrode material: - Shaft material: Glass		Hole - Glass	Hole Platinum wire Glass	- Graphite Epoxy		- POM, stainless steel	
Shaft length (mm)	120						150	
Shaft diameter (mm)	12				15.3		15.3	
Warranty for continuous measurement with the MIQ/IDS	½ year				1 year		1 year, cap: ½ year	

* Sensor with waterproof IDS plug head, please order cable separately (e.g. AS/IDS-1.5)

Model	Description	Order No.
SenTix® 945	Low-maintenance, fast response pH electrode with a gel reference system and three ceramic junctions, 1.5 m cable	103743
SenTix® 945-P	Like SenTix® 945, but with IDS plug head (please order cable separately)	103764
SensoLyt® 900-P	Robust pH electrode with polymer electrolyte and glass shaft, with IDS plug head (please order cable separately)	103748
SensoLyt® ORP 900-P	Combined ORP electrode with polymer electrolyte and glass shaft, KCl 3 mol/l reference electrolyte, with IDS plug head (please order cable separately)	103749
TetraCon® 925	4-electrode conductivity cell with graphite electrodes, epoxy shaft, cell constant 0.475 cm ⁻¹ , 1.5 m cable	301710
TetraCon® 925-3	Like TetraCon® 925, but with a 3 m cable.	301711
TetraCon® 925-P	Like TetraCon® 925, but with IDS plug head (please order cable separately)	301716
FDO® 925	Optical DO sensor with fast responding bevelled membrane, no flow required, 1.5 m cable	201300
FDO® 925-3	Like FDO® 925, but with a 3 m cable.	201301
FDO® 925-P	Like FDO® 925, but with IDS plug head (please order cable separately)	201306
AS/IDS-1.5	Connection cable for IDS sensors with plug head to MIQ/IDS modules, length 1.5 m	903850



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