

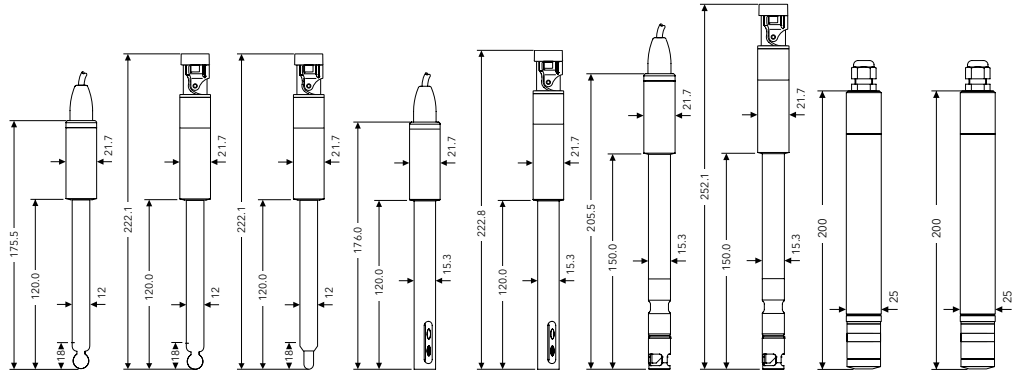


IDS Sensors for the drinking water panel



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



Models	SenTix® 945	945-P	SensoLyt® ORP 900-P	TetraCon® 925	925-P	FDO® 925	925-P	FCML 412- M12-2	M12-20
Measuring method	Potentiometric			Conductometric (4-electrode cell)		Optical		Amperometric	
Measuring parameter	pH value			ORP		Conductivity		Dissolved oxygen	
Measuring range	0.000 ... 14.000 pH			-1250,0 ... +1250,0 mV		x: 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		x: 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		0.001 mg/l 0.01 mg/l	
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*	M12 plug**	
Certifications	CE, UKCA								
Mechanical	Diaphragm: 3x ceramic Electrode material: - Shaft material: Glass		Hole Platinum wire Glass	- Graphite Epoxy		- - POM, stainless steel		- Gold PVC	
Shaft length (mm)	120					150		200	
Shaft diameter (mm)	12			15.3		15.3		25	
Warranty	2 years on defects in quality according to § 10 terms of conditions								

* Sensor with waterproof IDS plug head, please order cable AS/IDS-1.5 separately ** Sensor with M12 plug, please order adapter ADA CI/IDS separately

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® 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-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-P	Like FDO® 925, but with IDS plug head (please order cable separately)	201306
FCML 412-M12-2	Chlorine electrode according to electrochemical principle, measuring range: 0-2 mg/l, pH range 4-9, independent from pH value (please order adapter separately)	201189
FCML 412-M12-20	Like FCML 412-M12-2, but with measuring range: 0-20 mg/l (please order adapter separately)	201194
ADA CI/IDS	Adapter for connecting FCML 412-M12 chlorine sensors to MIQ/IDS modules	108155
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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