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TECHNICAL DATA SHEET

Stationary sampler WS 312-24 with pH sensor and material conforming of wetted parts regarding Phthalates.

Item	Qty.Unit		Art.-No.	Description
1				WS 312-24 with pH Sensor and material conforming of wetted parts
1.1	1,00	pcs	GC01	<p>WS 312 stationary automatic water sampler with all-weather design; EN ISO 5667 compliant. Stainless steel 304 housing including interior; sample storage chamber with 40 mm insulation and refrigeration/heating system; temperature preset to +3°C (adjustable). For ambient temperatures from -25°C to +42°C. Separate door with window for control panel. Power requirements: 230 V AC; 50 Hz</p> <p>MS3 electronic controller with backlit 128 x 128 pixel graphic display and water-proof 24-button keypad including numerical keypad and keys for program start, pause, stop and grab sample. Up to 9 programs can be run simultaneously. 4 analog inputs (0/4-20 mA), 16 digital inputs. 1 analog output (4-20 mA), 16 digital outputs. Interfaces: Serial ports RS-232 & RS-485, 10/100 Ethernet TCP/IP, USB Host, Mini-USB Port Slave. Data may be retrieved with a USB stick.</p>
1.2	1,00	pcs	E82N	<p>PROFIBUS-DP Module Incl. WS Standard Protocol and GSD-File</p>
1.3	1,00	pcs	DV01	<p>INCLUDING Vacuum pump sampling system for highest repeatability, simple cleaning and minimal maintenance. For time-, volume- and event-proportional sampling. Borosilicate glass metering vessel (dishwasher-safe, acid-, alkali- and temperature-resistant) to prevent against sample falsification by diffusion; situated inside climate-controlled and frost-protected interior.</p>

Item	Qty.Unit		Art.-No.	Description
				Fixed sample volumes adjustable from 12 - 200 ml; multiple-shot samples up to 1800 ml. For sampling under pressure-free conditions.
1.4	1,00	pcs	DVZ21N	Surcharge for metering head made of PE
1.5	1,00	pcs		INCLUDING Bare electrodes in metering vessel
1.6	1,00	pcs	P01	INCLUDING Vacuum pump for lift heights up to 8 m; 14 l/min; -0.8 to 1 bar
1.7	1,00	pcs	FC51	INCLUDING XY Distributor for discrete sample distribution (ISO 5667-compliant). Distributor hose positions itself directly above sample bottles to prevent cross-contamination such as with an indirect distributor, and there is no distributor plate to clean. Individual bottles may easily be removed at any time. Bottle positions are freely program- mable; numerous standard bottle combinations are preset. Inkl. set of 24 x 1-litre DURAN borosilicate glass bottles with PE lids; stainless steel carrying tray.
1.8	1,00	pcs	Z06N	INCLUDING Special coating of copper tubes of cooling unit for corrosive environments
1.9	1,00	pcs	Z10	INCLUDING USB socket in front panel
1.10	1,00	pcs	Z24	INCLUDING Hose port for distributor hose
1.11	1,00	pcs	S52N	TEFLON suction hose, di 10 mm, 5 m long, with threaded connector
1.12	1,00	pcs	MP03N	Socket for connecting digital sensor
1.13	1,00	pcs	MPP01	Digital sensor for pH and temperature with rugged design for a wide range of applications including clean water with conductivity as low as 20 µS/cm, lakes and rivers (100 to 2000 µS/cm), seawater (50 mS/cm) and wastewater (higher than 200 mS/cm). Data transfer via RS-485. Incl. 7 m cable, replaceable pH/ORP cartridge. - pH: 0.00 to 14.00 - Temperature: 0.00°C to +50.00°C Note: The sensor is first calibrated at the factory, however later calibrations will require special calibration equipment. Eventually calibration will be possible to perform directly with the sampler PLC, at which time updated software with this function will be provided free of charge.
1.14				THE SAMPLER PROTECTION CLASS: Front of the samples dosing compartment - IP 54 Rear of the samples dosing compartment - IP 33 Front panel with display - IP 65 Sample compartment - IP 54