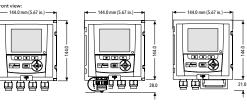
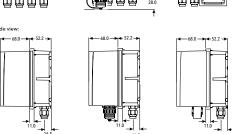
IQ SENSOR NET DIQ 284

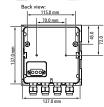
Controller for small and mid-sized wastewater treatment plants including USBinterface and internal data logger- up to 4 sensors, all parameters, available anytime

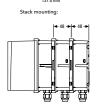
We would like to inform you about the application range on our website











Technical Data

		10.3	16.5	16.5		
Controller	DIQ/S 284-CR6	DIQ/S 284-PR	DIQ/S 284-MOD	DIQ/S 284-CR6-E	DIQ/S 284-EF	
Max. number of sensors	4					
IQ SENSOR NET connections	3	2	2	3	2	
Outputs	6 x (0) 4-20 mA, 6 x Relais	PROFIBUS, 3 x Relais	Modbus RTU, 3 x Relais	6 x (0) 4-20 mA, 6 x Relais, RJ45 for remote access	Profinet, Modbus TCP, Ethernet IP, 3 x Relais	
Display	Graphic TFT Display; Resolution: 320 x 240 pixel; backlit					
Control Functions/ Function Keys	5 operating keys: measurement (M), calibration (C), set/system settings (S), 3 master keys for functions: 2 keys for: confirmation/switching menu O.K. (OK), escape (ESC) Arrow keys for rapid selection of software functions and input of alpha-numeric values (up), (down)					
Electric Supply	100 240 VAC (50/60 Hz), 24 V AC/DC					
MIQ Module Coupling at Rear	Combined mechanical and electrical connection, for rapid coupling to MIQ modules, up to 3 modules as a stack mounted unit possible					
Cable Feeds	4 screw cable glands M 16 x 1.5 (expansible to M 20 if required)					
Terminal Connections	Screw terminal strips; Terminal area for solid conductors: 0.2 4.0 mm² Terminal area for flexible conductors: 0.2 2.5 mm²; accessible by opening cover					
IQ SENSOR NET Terminal Connections	Terminal connections for the IQ Sensor Net for connecting sensors					
USB interface	USB-A					
Datalogger	Data memory for up to 525,600 data sets					
Ambient Conditions	Operating temperature: -4 °F 131 °F (-20 °C +55 °C); Storage temperature: -13 °F 149 °F (-25 °C +65 °C)					
Housing Material	PC - 20 % GF (polycarbonate with 20 % fiberglass)					
Protection Rating	IP 67 / corresponding to NEMA 4X (not for direct conduit connections). Conduits need to be connected with flexible adapters (CC-Box), respectively with adapters CC-PM					
Weight	Approx. 1,7 kg (3.7 pounds)					
Certifications	CE					
Electromagnetic Compatibility	EN 61326-1, Class A; FCC Class A					
Integrated Overvoltage Protection	According to EN 61326-1 enhanced overvoltage protection for the entire system					
Connection Medium Cable	IQ Sensor Net cable SNCIQ or SNCIQ/UG (underground cable with additional PVC coating): 2-wire with shield; $2 \times 0.75 \text{ mm}^2$; filler cord for easy connection of shield: 0.75 mm^2 ; pressure resistant to 10 bar					
Connection Characteristics	Power supply and data transmission on these wires; resistant to polarity reversal with respect to switched shield and inner conductor (no damage); comprehensive EMC shield control; Cable topology within the IQ Sensor Net system as required, e.g. in the form of a line, tree, star; total cable length max. 250 m (273 yds)					
Warranty	3 years for defects of quality					

Description	Order No.
Controller for up to 4 IQ sensors, 100 240 VAC, with 6 Relays, with 6 mA-outputs	
Like above, but with 3 Relays, with PROFIBUS-interface (RS 485)	472131
Like above, but with 3 Relays, with MODBUS-interface (RS 485)	472132
Like above, but with 6 Relays, with 6 mA-outputs, with Ethernet-interface (RJ 45) for network connection	472133
Like above, but with 3 Relays, with Ethernet-interface (RJ 45) for network connection and fieldbuses (Ethernet/IP, Modbus TCP, PROFINET)	472134
	Controller for up to 4 IQ sensors, 100 240 VAC, with 6 Relays, with 6 mA-outputs Like above, but with 3 Relays, with PROFIBUS-interface (RS 485) Like above, but with 3 Relays, with MODBUS-interface (RS 485) Like above, but with 6 Relays, with 6 mA-outputs, with Ethernet-interface (RJ 45) for network connection Like above, but with 3 Relays, with Ethernet-interface (RJ 45) for network connection and fieldbuses (Ethernet/IP,

