IQ Sensor Net System 282/284

for small and mid-sized wastewater treatment plants

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

The Controllers

DIQ/S 282-CR3

- Up to 4 sensors connectable at once
- USB interface and data logger
- Available anytime via internet

IP 67 CE ETL 3 Year Warranty TD *D1.07, D1.08*

DIQ/S 282

Controller **for up to two sensors**, available in five different versions: with three current outputs, with PROFIBUS interface, with MODBUS interface, with Ethernet interface for remote control or with Ethernet interface including protocols PROFINET, Modbus TCP and Ethernet/IP. Every version is also available with 24 V AC/DC supply.

DIQ/S 284

Controller **for up to four sensors**, available in five different versions: with six current outputs, with PROFIBUS interface, with MODBUS interface, with Ethernet interface for remote control or with Ethernet interface including protocols PROFINET, Modbus TCP and Ethernet/IP. Every version is also available with 24 V AC/DC supply.

Ordering Information

Model	Description	Order No.
DIQ/S 282-CR3	Controller for up to 2 IQ sensors, with 3 Relays, with 3 mA-outputs,100 … 240 VAC	472110
DIQ/S 284-CR6	Controller for up to 4 IQ sensors, with 6 Relays, with 6 mA-outputs,100 … 240 VAC	472130

Version with field bus protocols and digital interfaces see data sheets D1.07 and D1.08.

For technical data please see datasheets D1.07 and D1.08

Alternatives and accessories see brochure "Product Details" and website

The Sensors and Parameters

All common parameters from inlet to outlet. The sensors can be connected with a universal cable to any module.

For the following parameters WTW offers

IQ sensors:

Oxygen (D.O.)	from page 8	Nitrogen: NH_4, NO_3, NO_2, NO_X	from page 28
pH/ORP	from page 13	Carbon: COD/TOC/DOC/BOD	from page 34
Conductivity	from page 17	SAC/UVT	from page 34
Turbidity	from page 22	Sludge Level	from page 39
Supended Solids	from page 23		

IQ analyzer:

Orthophosphate	from page 37

The Modules

Modules for the flexible expansion of digital IQ Sensor Net systems 181 and 282/284 by additional measuring points or functions – compact design

DIQ/JB

- Simple installation – electrical connection and mounting can be done with terminal strips and simple screws

- The flexible system expansion allows you to upgrade at a later date

- Its compact design saves space and cost

IP 66 · CE · 3 Year Warranty · TD D1.10

DIQ/JB

to connect a second or remote IQ sensor

DIQ/CHV

for the automatic relay-controlled compressed air cleaning in the system 181 and 282/284

MIQ/...

All MIQ modules can be used with the system 282/284 (except: MIQ/MC3(-...) and MIQ/3-...) *(see from page 48)*:

MIQ/PS	MIQ/WL PS SET	MIQ/IC2
MIQ/24V	MIQ/R6	MIQ/CHV PLUS
MIQ/JB	MIQ/CR3	MIQ/EKB
MIQ/JBR	MIQ/C6	

Ordering Information

Model	Description	Order No.
DIQ/JB	Dual IQ/Junction Box	472005
DIQ/CHV	Dual IQ/Cleaning Head Valve	472007

For technical data please see datasheet D1.10

Alternatives and accessories see brochure "Product Details" and website

IQ Sensor Net System 181 page 52

Analog systems from page 56