xylem
Let's Solve Water

The system 282/284

THE IQ Sensor Net CONTROLLER FOR UP TO 4 SENSORS

WTW

a **xylem** brand

The one
for all IQ sensors

- Up to 4 sensors connect-able at once

- USB interface and data logger

- Available anytime via internet

System 282/284 for drinking water treatment plants

From deferrization to UV treatment - the IQ SENSOR NET offers the necessary sensors for process monitoring.

NO$_2$

Turb

Cond

ORP

pH

D.O.

IQ
SENSOR NET

The system 282/284 in the internet

More pictures, technical data and information on our sensors can be found at
www.WTW.com/en/iqsn-282_284
(For convenience use our QR code)

NO₃   TOC   UVT

This makes the difference:

All parameters at a glance

By combining multi-parameter sensors, up to 20 different parameters can be recorded and displayed in parallel. The intuitive software and a large graphic display promise full overview.

Up-to-date and safe with USB interface and data logger

USB interface and data logger enable updates and logging in a breath. Without technician, anytime and free of charge.

Convenient and available anytime via internet

The connection to the internet enables the access to the IQ SENSOR NET anytime at any place. Monitoring and support from remote saves time, money and nerves.

Technical data

Connectable sensors	all IQ sensors, at DIQ/S 282: 2, at DIQ/S 284: 4
Parameters	pH/ORP, D.O., Cond, Turbidity, TSS, NO_2^-, NO_3^-, NO_x, TOC, DOC, SAC, UVT
Interfaces	USB and data logger (as standard); as option: PROFIBUS (RS 485) or MODBUS (RS 485) or Ethernet/IP, MODBUS TCP, PROFINET (RJ45) or RJ45 for remote control
Overall cable length	250 m (820 ft.)
Power supply	Wide range power supply (100 … 240 VAC) or 24 V

For further technical data on the controller please see datasheet D1.07 and D1.08.

Order information

Model	Description	Order No.
Controller for up to 2 sensors		
DIQ/S 282-CR3	Controller for 2 IQ sensors, with 3 x 0(4) … 20 mA, 3 x Relays	472 110
DIQ/S 282-PR	Controller for 2 IQ sensors, with PROFIBUS connection, 3 x Relays	472 111
DIQ/S 282-MOD	Controller for 2 IQ sensors, with MODBUS connection, 3 x Relays	472 112
DIQ/S 282-CR3-E	Controller for 2 IQ sensors, with 3 x 0(4) … 20 mA, 3 x Relays, with RJ45 interface for internet access and remote control	472 113
DIQ/S 282-EF	Controller for 2 IQ sensors, with Ethernet fieldbuses, internet access and remote control, 3 x Relays	472 114
Controller for up to 4 sensors		
DIQ/S 284-CR6	Controller for 4 IQ sensors, with 6 x 0(4) … 20 mA, 6 x Relays	472 130
DIQ/S 284-PR	Controller for 4 IQ sensors, with PROFIBUS connection, 3 x Relays	472 131
DIQ/S 284-MOD	Controller for 4 IQ sensors, with MODBUS connection, 3 x Relays	472 132
DIQ/S 284-CR6-E	Controller for 4 IQ sensors, with 6 x 0(4) … 20 mA, 6 x Relays, with RJ45 interface for internet access and remote control	472 133
DIQ/S 284-EF	Controller for 4 IQ sensors, with Ethernet fieldbuses, internet access and remote control, 3 x Relays	472 134
Connectable sensors (selection)		
FDO® 700 IQ	Calibration free, optical sensor for O_2	201 650
TetraCon® 700 IQ	4-electrode conductivity measuring cell	302 500
SensoLyt® 700 IQ	Robust digital pH/ORP sensor	109 170
SensoLyt® DW	pH electrode especially suitable for drinking water applications	109 103
VisoTurb® 700 IQ	Optical sensor for turbidity with ultrasonic cleaning	600 010
ViSolid® 700 IQ	Optical sensor for Suspended Solids with ultrasonic cleaning	600 012
NiCaVis® 705 IQ NI	Spectral sensor with ultrasonic cleaning for UVT, TOC, DOC, NO_3 and NO_2	481 055
UV 705 IQ NOx	Single wavelength sensor with ultrasonic cleaning for NOx	481 035
UV 705 IQ SAC	Single wavelength sensor with ultrasonic cleaning for SAC and UVT	481 038

For further technical data on the sensors please see datasheet D2.02 bis D2.06, D2.13, D2.14 and D2.16.