PROFINET: State-of-the-art Communication

FURTHER FIELDBUSES AVAILABLE WITHIN THE IQ SENSOR NET
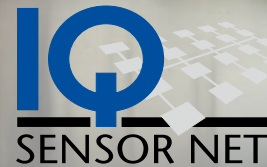
State-of-the-art Interfaces & Protocols ...

... offered by the MIQ/MC3

- Perfect connection to SCADA

- Data available anytime

- Access from everywhere

- Software updates fast and easy

IQ SENSOR NET System 2020

The internal communication of the IQ SENSOR NET is based on the WTW bus via SNCIQ and SACIQ cable or radio connection.

Communication with PLC via

Fieldbuses
- PROFIBUS DP *
- Modbus RTU

Ethernet Fieldbuses
- EtherNet/IP
- Modbus TCP
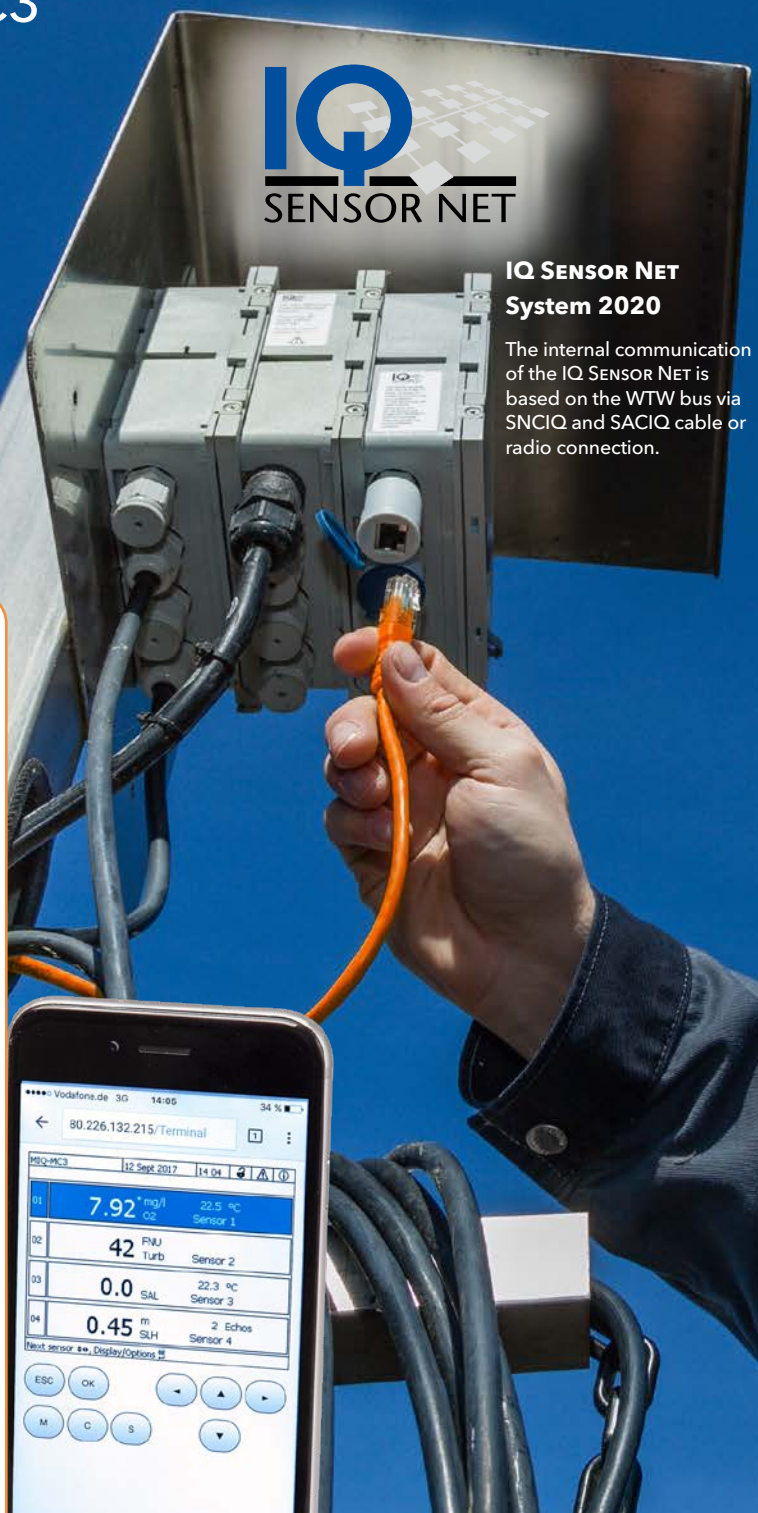- PROFINET

NEW

Data storage

Data storage & software updates with USB stick, free of charge, without technician

Full access from remote

Convenient control of the IQ SENSOR NET from remote; The IQ WEB CONNECT enables data storage and handling at anytime...
- free-of-charge, without subscription
- via Webbrowser
- protected by password

MIQ/MC3 – The New IQ Controller Family

Perfect connection to SCADA

Reliable and direkt data transfer to the PLC via the fieldbuses PROFIBUS DP, Modbus RTU (RS 485), EtherNet/IP, Modbus TCP or PROFINET (RJ 45).

Data available anytime

Monitor data in real time – via data transfer to the PLC or the integrated webserver.

Access from everywhere – with IQ WEB CONNECT

Full access from remote – read measuring values, change settings, secure data. All this is possible by connecting the IQ Sensor Net into a local network or the Internet.

Software updates fast and easy

Fast and free-of-charge software updates as well as data transfer with the default USB interface.

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Compatibility with the IQ Sensor Net

The new controllers and modules offer full compatibility for the IQ Sensor Net System 2020 (XT and 3G) and all connected sensors:

- 2 free IQ Sensor Net connections
- Stack mounting
- Automated ID recognition
- And: LAN and USB interface by default
- Ready-to-use, cost-effective starter set available, consisting of a MIQ/MC3, a power supply module and a terminal

New

MIQ/MC3 (471020)
MIQ/MC3-MOD (471022)
MIQ/MC3-PR (471023)

New Interface Modules

MIQ/3-MOD (471026)
MIQ/3-PR (471027)

TD
D1.02

Integration into your IQ Sensor Net*

*With the IQ Sensor Net several additional parameters can be measured – visit our website **www.WTW.com/en/iqsn** (Or just scan the QR code).

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Order Information

Controller	Description	Order No.
MIQ/MC3	Module IQ/Micro Controller includes full automated air pressure compensation as well as USB & LAN interface (RJ 45).	471020
MIQ/MC3-MOD	Module IQ/Micro Controller includes full automated air pressure compensation and Modbus RTU/RS 485 connection as well as USB & LAN interface (RJ 45).	471022
MIQ/MC3-PR	Module IQ/Micro Controller includes full automated air pressure compensation and PROFIBUS DP/RS 485 connection as well as USB & LAN interface (RJ 45).	471023
MIQ/TC 2020 3G-EF	Ready-to-use starter set, consiting of a Controller (MIQ/MC3), power supply module (MIQ/PS) and terminal (MIQ/TC 2020 3G).	470026
Interface Modules		
MIQ/3-MOD	Module with full automated air pressure compensation and Modbus RTU/RS 485 connection.	471026
MIQ/3-PR	Module with full automated air pressure compensation and PROFIBUS DP/RS 485 connection.	471027

Xylem |ˈzīləm|

1) The tissue in plants that brings water upward from the roots;
2) a leading global water technology company.

We're a global team unified in a common purpose: creating advanced technology solutions to the world's water challenges. Developing new technologies that will improve the way water is used, conserved, and re-used in the future is central to our work. Our products and services move, treat, analyze, monitor and return water to the environment, in public utility, industrial, residential and commercial building services settings. Xylem also provides a leading portfolio of smart metering, network technologies and advanced analytics solutions for water, electric and gas utilities. In more than 150 countries, we have strong, long-standing relationships with customers who know us for our powerful combination of leading product brands and applications expertise with a strong focus on developing comprehensive, sustainable solutions.

For more information on how Xylem can help you, go to **www.xylem.com**

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