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## Publisher



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## *Analog*

Monitors  
EcoLine/QuadroLine®  
and Sensors

- High accuracy and enhanced EMC performance using integrated pre-amplifier
- Integrated lightning protection
- EcoLine 170: Monitors for field installation
- QuadroLine® 296: Monitors for panel mounting 96 x 96 mm

D.O.  
pH  
Cond  
Turb

$\text{NH}_4$

$\text{NO}_3$

$\text{NO}_2$

## *Analyzer*

TresCon®/  
TresCon® Uno

- TresCon®: Multi-parameter analyzer for up to three parameters
- Self-calibrating systems: easy-to-use – easy-to-extend
- Also available as a compact single parameter unit

# Digital

## Multiparameter System

### IQ SENSOR NET

System 182 (XT) and 2020 XT

TSS

NH<sub>4</sub>

NO<sub>3</sub>

COD

TOC

DOC

SAC

BOD

P<sub>Total</sub>

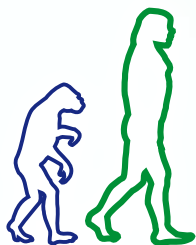
PO<sub>4</sub>



- One system for all parameters
- High accuracy and enhanced EMC performance using – integrated pre-amplifier & digital processing
- Integrated lightning protection
- Sensor can be pre-calibrated in Lab
- Universal sensor connection – Standard for all digital sensors
- Easily expandable using 2-wire technology
- 0/4 ... 20 mA  
RS 232, RS 485, PROFIBUS-DP, Modbus RTU



**NEW**



**Next Generation:  
FDO® 700 IQ**



**Optical D.O. measurement  
with IQ**

**FDO® 700 IQ**

- Low maintenance
- Long product lifetime
- Robust

*further information see page 6*

# IQ SENSOR NET news

Easy choice: Single measuring point or sensor network – the individual tailored solution to suit everyone’s demand!

## Single measuring point

**IQ SENSOR NET XT System 182 XT-4**

- Now up to 4 sensors
- Analog & digital outputs (PROFIBUS / MODBUS)
- All IQ sensors can be connected

The cost-effective solution when a single measuring point has to be equipped with 1 to 4 sensors.

Ideal for simultaneous measuring of i.e. nitrate, ammonium and oxygen for process optimization in aeration.



## Sensor Network

**IQ SENSOR NET XT System 2020 XT**

- Terminal/controller TC/2020 XT with USB interface
- Electronic-Key
- IQ-LabLink – the direct link to the laboratory instrument

The modular system for the flexible set up of a sensor network with up to 20 free selectable sensors.

**USB: The multifunctional interface for increased application demands:**

- Easy system updating
- Fast data transfer using IQ-LabLink procedure
- Safe system access through electronic key



**Dual-processor function – guaranteed stability**

When two terminal/controller are part of the IQ SENSOR NET system and one terminal/controller has a break down, the second unit fully automatically takes over the control function – insofar the safety is doubled!