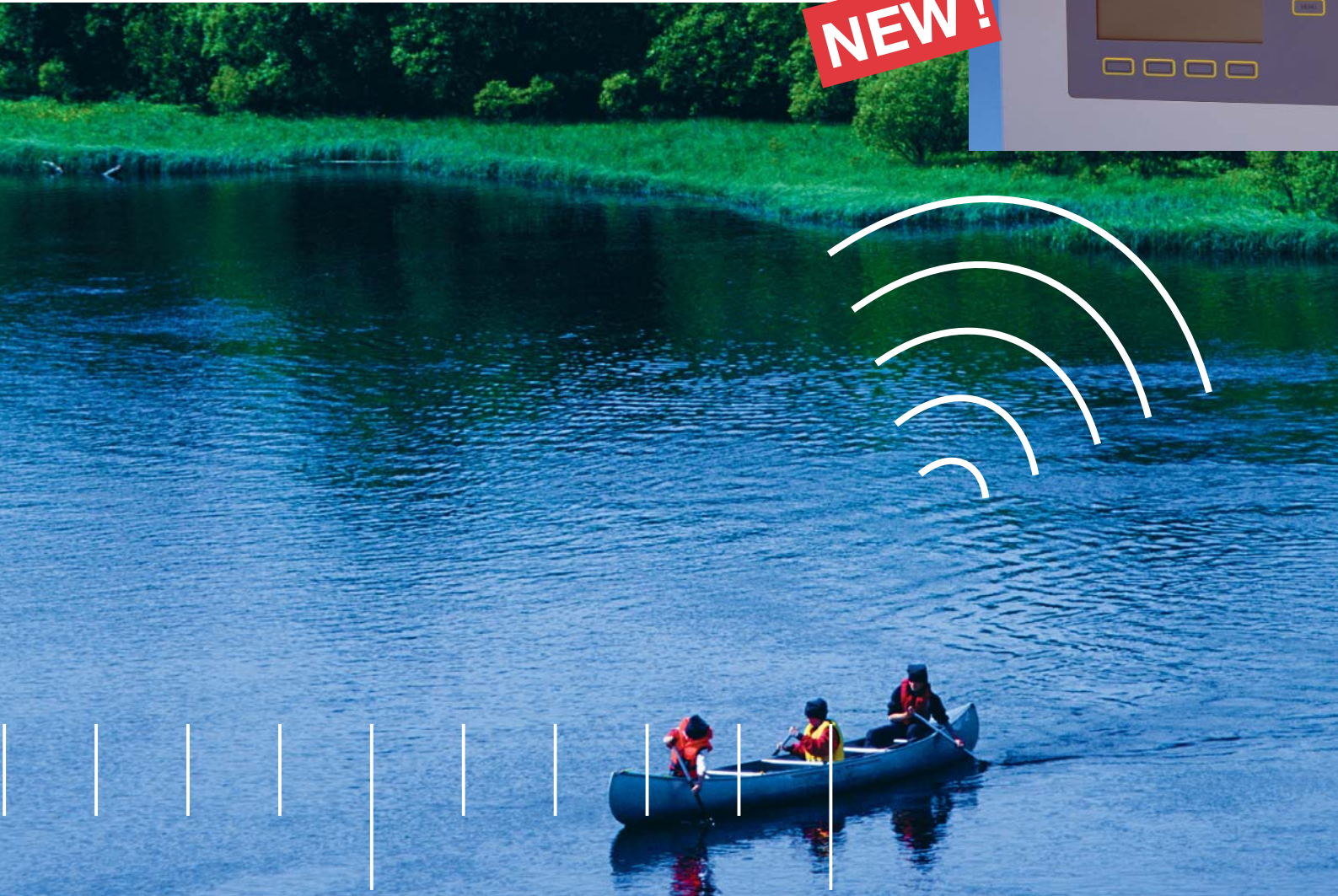


Multi-Parameter Transducer

NEW!



Multi-Parameter Transducer

These convenient transducers combine with sensors for physical and chemical parameters in water and other liquids to create an easy to use analysis system.

The transducer described here provides an intelligent connection to many different sensors. It incorporates built-in calibration capability for sensors such as pH and dissolved oxygen which need to be standardized.

Fields of Application

Environmental protection

- Water source monitoring
- Ground water monitoring, including leachate from waste tips

Industrial analysis

- Process water control
- Food industry
- Aquaculture and fish farming

Water supply

- Drinking water monitoring
- Sewage treatment works
- Process optimization

Science and Research

- Hydrological and climatic measurements on research ships, buoys and marine platforms

Typical measurements

- Temperature
- Conductivity and salt content
- Pressure
- Oxygen
- pH
- Turbidity



Typical measuring ranges

- pH: pH1 - 14
- Temperature: -2°C bis 100°C
- Redox: ±2.000 mV
- Conductivity: Inductive
0 to 60 mS/cm
0 to 2000 µS/cm
- Oxygen: 0 to 200%
0 to 20 mg/
- Inputs: 6
Redox/Temperature
pH/Temperatur
Conductivity/Temperature
Oxygen/Temperature

Technical data

- Surrounding temperature: -10°C bis 45°C
- Output signals
Digital: max. 12
Analog (0/4 - 20 mA): 6
- Interfaces: 1 CAN-Bus
1 Ethernet
- Power supply: 120/264 V AC
- Power consumption: max. 20 VA
- Protection class: IP 65 (Elektronik)
- Housing: GFK
- Dimensions (hxwx): 300x300x200 mm
- Weight: approx.. 5.3 kg