

Optical pH Sensor Solution (OEM)

Pico-pH

pH



- OEM device for optical pH sensors
(also available for O₂ & temperature)

- Compact dimension

- Very low power consumption

- Precision temperature compensation

- UART interface
(Modbus analog output module optional)

- Contactless pH sensors

Specifications Device

Dimensions PICO-pH	Ø17 mm, 59 mm in length
Weight	ca. 20 g
Optical sensor port	for optical pH sensors/fibers with PICO-connector
pH sensor ranges	-PK5 (pH 4-6), -PK6 (pH 5-7), -PK7 (pH 6-8), -PK8 (pH 7-9)
Temperature port	Pt100 temperature sensor (solder points)
Max. sampling rate	ca. 20 samples per second
Power supply	Min. 3.3V DC, max. 5.0V DC
Logging software (optional)	Pyro Workbench or Pyro Developer Tool with USB adapter cable
Digital Interface	UART (3.0V levels, 5V tolerant)
Temperature	0-50°C
Max. rel. humidity	Non-condensing conditions

Variety of pH Sensors



Sensor Spots

self-adhesive, sterilized



Flow-through Cells

sterilized, with 1m cable