

pH

Electro-Optical Module EOM-pH-mini

Non-invasive pH measurement
Fast integration w/ integration
package

- Hundreds of systems in the field
- Experienced customer support
- Variety of sensor integrations available

The electro-optical module EOM-pH-mini is a precise OEM solution for non-invasive pH sensor spots. Assembled according to ISO 9001:2000 they deliver certified quality. In addition, validation and customization of the integrated software is offered. EOM-pH-mini supports patented DLR based pH sensors.



Transmitters

Electro-Optical Module EOM-pH-mini

Specifications	EOM-pH-mini
pH sensors	HP5/HP8
Phase resolution	0.05°
Minimal sampling rate	below 1 s
Supply voltage	7 - 18 V
Power consumption in active mode	1.5 W
Power consumption in stand-by mode	0.6 W
Temperature: operating / storage	0°C to 50°C / -10°C to 70°C
Relative humidity	up to 80 % (non condensing)
Dimensions	40 mm x 100 mm x 22 mm
Weight	70 g
Digital interface	RS 232 interface (optional RS 485)

Sensors & Accessories

**Sensor Spots pH**

The most versatile version of non-invasive pH sensors.

**Non-Invasive pH Sensors**

These sensors are used in bags and other single-use bioreactors.

**Polymer Optical Fiber (POF)**

They serve as a versatile connection from transmitter to sensor probe.

**Accessories**

A variety of accessories like connectors to different vessels is available.

A wide variety of sensors is offered.
If your application is missing,
please contact us!

Technical data can change without prior notice.

Bring to light what's inside. Ask our experts:

PreSens Precision Sensing GmbH
Josef-Engert-Str. 11
93053 Regensburg, Germany

Phone +49 941 94272100
Fax +49 941 94272111
info@PreSens.de

 www.PreSens.de