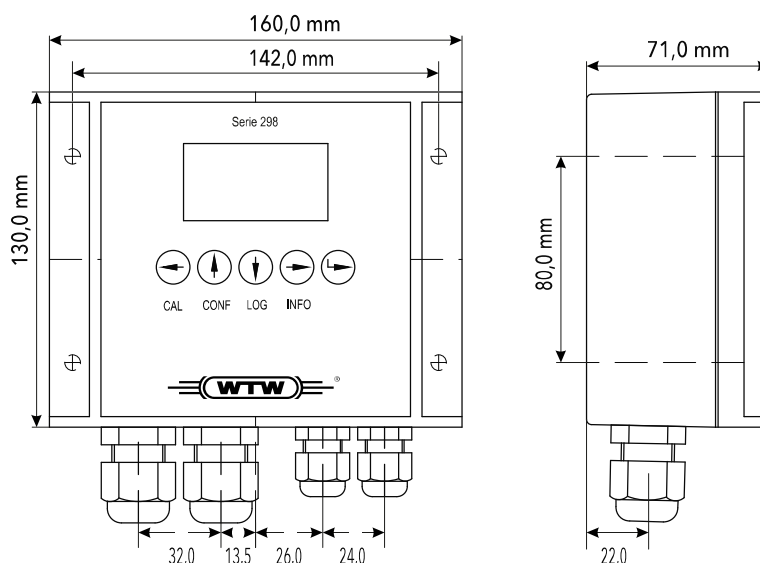


# Analog controllers



**pH 298, Oxi 298, LF 298 and CI 298** are analog controllers to directly connect analog pH/ORP electrodes, oxygen sensors, conductivity cells and chlorine electrodes.

We would like to inform you about the application range on our website



## Technical Data

Model	pH 298	Oxi 298	LF 298	CI 298
Parameter	pH/ORP	Oxygen	Conductivity	Chlorine, electrochemical
Measuring Range	-2 ... 16 pH -2000 ... +2000 mV	0 ... 20 mg/l 0 ... 200 %	0 ... 500 mS/cm, different measuring ranges adjustabel	0 ... 2 mg/l
Temperature Measurement*)	-10 ... 130 °C NTC or Pt1000 or Pt100	-10 ... 130 °C NTC or Pt1000		-10 ... 130 °C Pt1000
Temperature Compensation	Automatically via temperature measurement in the sensor or via manual input			
Relays	2 x switching contacts, change-over, max. 250 VAC / 5 A			
Current Outputs	2 x 0(4) ... 20 mA			
Digital Interface	Modbus / RS485 USB (for configuration, calibration, data recording)			
Display	OLED (128 x 64 pixel) with plain text menu			
Data Logger	Integrated with real time clock for 4000 datasets, storable via USB, grafical display			
Electric Supply	100 ... 240 V AC or 18 ... 36 V DC			
Ambient Conditions	Operational temperature: -10 ... 55 °C			
Housing Material	Cast Aluminium for wall mounting			
Protection Rating	IP 65			
Weight	2 kg			
Warranty	2 years			

\*) Please note: The permitted operating voltage of the sensor can vary considerably

Model	Description	Order No.
<b>pH 298 NTC</b>	Analog controller to measure pH/ORP, 230V and NTC	191230
<b>pH 298 Pt100</b>	Analog controller to measure pH/ORP, 230V and Pt100	191232
<b>pH 298 Pt1000</b>	Analog controller to measure pH/ORP, 230V and Pt1000	191234
<b>Oxi 298 NTC</b>	Analog controller to measure oxygen, 230V and NTC	291230
<b>Oxi 298 Pt1000</b>	Analog controller to measure oxygen, 230V and Pt1000	291234
<b>LF 298 NTC</b>	Analog controller to measure conductivity, 230V and NTC	391230
<b>LF 298 Pt1000</b>	Analog controller to measure conductivity, 230V and Pt1000	391234
<b>CI 298 Pt1000</b>	Analog controller to measure chlorine, 230V and Pt1000	801254

24V versions available upon request



**Xylem Analytics Germany Sales GmbH & Co. KG, WTW**

Dr.-Karl-Slevogt-Straße 1 · D-82362 Weilheim · Germany · Phone: +49 881 1830 · Fax: +49 881 183-420 · Info.WTW@Xylem.com

All names are registered tradenames or trademarks of Xylem Inc. or one of its subsidiaries. Technical changes reserved.

© 2017 Xylem Analytics Germany Sales GmbH & Co. KG.

999259US

**www.WTW.com**

December 2018