

measuring module for conductivity and temperature – ATM 22 -	
description:	module for measuring the electrical conductivity and temperature
interface:	AquiTronic sensor bus interface
conductivity sensor:	
measuring principle:	4-pole technics with temperature compensation
type:	WTW Tetra Con 325
accuracy:	0.5% of value measured or +3 digits
resolution:	up to 1,000 $\mu\text{S}/\text{cm}$ = 1S/cm / up to 10,000 $\mu\text{S}/\text{cm}$ = 10 $\mu\text{S}/\text{cm}$ / up to 25,000 $\mu\text{S}/\text{cm}$ = 100 $\mu\text{S}/\text{cm}$
temp.compensation: (selectable)	automatical (reference temperature +25°C), via software also settable at +20°C
available meas. ranges:	standard: 0 $\mu\text{S}/\text{cm}$ to 25,000 $\mu\text{S}/\text{cm}$ (other meas. ranges upon request)
calibration after:	by user by means of AquiLite software
temperature sensor:	
measuring range:	-5°C to +45°C
accuracy:	+0.2 K
resolution:	0.01 K
general data:	
housing material:	V4A stainless steel, POM®
sealing:	Viton®
dimensions:	length of probe body: 170 mm diameter: 32 mm
weight:	
operating temperature:	-20°C to +70 °C
pressure resistance:	5 bar, higher range available upon request
(c) 1999-2016 GSG Geologie-Service GmbH, Wuerzburg - www.geologie-service.com Phone: +49/(0)931 30 40 8-0; FAX: +49/(0)931 99105-90 - All rights reserved -	