

DIN-Rail Digital Module

- High accuracy for a wide range of operating condition
- 9-36VDC
- RS485 Modbus RTU communication
- 4-20mA output, Max.750Ω
- Rail mounted for ease of use



pH/ORP

Conductivity/Resistivity

ion concentration

Measurement parameters

- pH/Redox
- Conductivity/Resistivity/TDS
- Ion Concentration

Applicable Electrode

- innoSens Series pH, Conductivity, Ion Electrode

Technical parameters

Power supply:	9-36 VDC
Mounting:	rail mounted
Operating temperature:	0-70°C
Storage temperature:	-20-70°C
Current output:	Isolated 4-20mA, Max. 750Ω
Communication:	RS485 Modbus RTU
	9600, 8 N 1
Material:	ABS
Weight:	55g
Dimensions:	90×72×18mm

Order Guide

Order No.	Description
36-0110-02	DS-0110-02 pH/ORP Conductive digital Module
36-0320-02	DS-0320-02 Conductivity rail mounted digital module
36-0500-02	DS-0500-02 Ion rail digital module

pH/ORP

DS-0110-02

Measuring range:	0-14pH, -2000-2000mV
Resolution:	0.01pH, 1mV
Accuracy:	±0.01pH, ±1mV
Temperature compensation:	PT1000
Temperature measurement range:	-10.0-130°C
Temperature compensation range:	-10.0-130°C

Conductivity

DS-0320-02

Measuring range:	0.00uS/cm-2000mS/cm 0-20.00MΩ*cm TDS: 0-100000ppm
Resolution:	0.01/0.1/1
Accuracy:	±1%
Temperature compensation:	PT1000
Temperature measurement range:	-10.0-300°C
Temperature compensation range:	-10.0-300°C

ion concentration

DS-0500-02

Measuring range:	0-20000mg/l (depending on the electrode selected)
Resolution:	0.01/0.1mg/l
Accuracy:	±5%
Temperature compensation:	PT1000
Temperature measurement range:	-10.0-120°C
Temperature compensation range:	-10.0-120°C