DOSA*Control* Measurement and control device **DCW 400ip**

Integrated* web server for an app-free measurement, regulation and remote control with a classically 4-canal-controller, for the measuring and, optionally regulation of: pH-, redox, conductivity and free chlorine, total chlorine, chlorine dioxide, free bromine, hydrogen peroxide, peracetic acid, turbidity, oxygen and many other parameters.

Product description:

- Operation via web browser with external device (PC, smartphone tablet pc) with integrated access administration
- LAN-connection RJ45 necessary, DHCP- or hard addressing
- LED-display on the device, display-free settings via network
- Data recording in the device via Micro-SD card and by remote access
- Timer functions: increase of control parameters*, individual outputs directly switchable, trigger e-mails; (*setpoint)
- User administration (in groups)
- General functions:
  - computation of the activity of the free chlorine
  - correction of the pH-error of the chlorine mV-sensors
  - monitoring of the overrange from the mV-sensores
  - valuation of the empty signal chater
  - separate external metering enabling via electronic input
  - evaluation of the inductive proximity switch
  - evaluation of other reed-contacts
  - guided calibration
- Input:
  - 4 galvanically isolated slots for pH-, redox, mV, or 4 – 20 mA sensors (see accessory list)
  - 1 x temperature measurement with Pt100
  - 4 x digital input
  - 1 NPN or PNP
- Output:
  - 4 relays as Pulse, PWM, ON/OFF, Warning, Alarm
  - 2 x optical coupler
  - optional: mA Out, Module with 2 outputs (Analog)
- Regulation:
  - per channel:
    - ON/OFF (or) controller
    - P-, PI-, PID-controller
    - adaptive controller
- Power connection: 90 – 240 VAC ±10 %, 50/60 Hz, (24 V DC as an option)
- protection class IP65

Areas of application:

- Measurement and regulation with Web-connection.

Scope of supply:

- **DOSA*Control* DCW 400ip**, housing in ABS plastic, 229 x 204 x 116 mm (W x H x D) for wall mounting

*Is not connected to an external Internet-Server, it will only be addressed through your internal network = completely autonomous system

Subject to technical modifications and printing errors. Images may vary slightly from actual product.
09.11.2021

Ordering data:

Type:	Option:	Item number:
DCW 400ip		2188300
Modules: will be needed for special measurements	**DCW 400ip** pH-module and accessories for the measurement of pH	2188301
	DCW 400ip Redox module and accessories for the measurement of redox	2188302
	DCW 400ip analog module In (0 to-2000 mV)	21250120
	DCW 400ip module 4–20 mA (input)	21250140
	DCW 400ip conductivity module 1 µS–200.000 µS	21250150
	DCW 400ip analog module Out (2 x 4–20 mA out)	21250130
	DCW 400ip analog-out module, option (2 x 4–20 mA out) ERWEITER	21250160

Subject to technical modifications and printing errors. Images may vary slightly from actual product
09.11.2021