

MEASURING INSTRUMENTS

GA3 / SMART DISPLAY SD3



The large display GA3 and the Smart Display SD3 are wall mounted display modules used for visualising the collector temperature, storage temperature and the energy yield of a solar thermal system via one 6-digit and two 4-digit 7-segment display. Compatible with controller through RESOL VBus®

Model	Dimensions	Code	Price €
GA3	530x630x100mm	020-18000579	1499.00
Smart Display	150x165x24mm	020-18000493	249.00

DATALOGGER DL2



This module acquires and stores large amounts of data (such as measuring and balance values of the solar system) over long periods. The DL2 can be configured and read-out with a standard internet browser via its integrated web interface. To transmit data stored in the internal memory of the DL2 to a PC, an SD card can be used. The DL2 is appropriate for all controllers with RESOL VBus®. The datalogger can be connected directly to a PC or router for remote access, therefore enabling system monitoring for yield monitoring or for diagnostics of faults.

Model	Code	Price €
DL2	020-18000710	328.00

FLOWMETER V40



The RESOL V40 is an instrument for measuring the flow of water or water-glycol-mixtures and can be connected directly to the controller for heat quantity balancing. After a specific volume has passed, the V40 sends an impulse to the controller. The heat quantity used is calculated from these impulses and the temperature difference measured between flow and return using pre-defined parameters (glycol type, concentration, heat capacity etc.). The temperature sensors are delivered with immersion sleeves and can be easily installed into flow and return by means of a T-piece

Model	Code	Price €
V40 - 0.6	020-28001100	215.63
V40 - 1.6	020-28001110	215.63
V40 - 2.5	020-28001120	215.63
V40 - 3.5	020-28001130	487.50
V40 - 6.0	020-28001140	487.50
V40 - 15.0	020-28001260	909.38

MINI DIGITAL THERMOMETER

Battery operated mini digital thermometer with measuring sensor.



Model	Code	Price €
RTM1	020-23600020	26.25

TEST BOX



A solar system will work more efficiently if maintained and serviced regularly.

The test box is a professional service box containing tools for checking solar thermal systems quickly and easily. Problems affecting system operation can be detected reliably with the help of these measuring and testing devices.

Model	Code	Price €
Test Box	020-29000293	356.25

Contents

- Test and indication badges
- Compass
- pH-test strips
- Screwdriver with voltage control
- Mini screwdriver
- Manometer
- Handheld refractometer
- Digital multimeter

VALVES

VA22



This is a 2 port motor open, motor close ball valve with operating time approx. 30 seconds. Easily changed from normally open to normally closed and has an auxiliary relay. Temperature range up to 120°C. Available in 0.75" and 1"

Model	Code	Price €
DN20	020-27000170	163.13
DN25	020-27000180	178.13

VA32



This is a 3 port diverter valve with the same characteristics as the VA22.

Model	Code	Price €
DN20	020-27000190	181.88
DN25	020-27000200	189.38
DN32	020-27000310	208.13

NON RETURN VALVE



Model	Max temp	Pressure	Code	Price €
3/4" PAW spring pattern	220°C	10 bar	020-12111	30.00
3/4" swing pattern	186°C	10.5 bar	020-14501	33.75

THERMOSTATIC MIXING VALVE for sanitary water for solar installations

Technical data: Max pressure: 10bar
 Max input temperature: 100°C
 Regulation range: 30-65°C



Model	Code	Price €
3/4" F	020-SUN-002	64.85
3/4" F Solar	080-09089410	83.16
1" F Solar	080-09089408	91.12

3 WAY MIXING VALVES



Size – Kvs (m ³ /h)	Code	Price €
1/2" DN 20-4	080-28130214	181.13
3/4" DN 25-6.3	080-28130216	244.53
1" DN 25-10	080-28130218	274.13
1 1/4" DN 32-16	080-28130220	337.84
1 1/2" DN 40-25	080-28130222	363.20