



DeltaSol® SLT

The DeltaSol® SLT effortlessly controls even complex systems and enables adaptation to the individual system requirements. Numerous pre-programmed optional functions such as thermal disinfection or zone loading can be combined and parameterised. It is also possible to directly choose from 27 pre-programmed basic systems.

The operation via 2 main buttons and 1 adjustment dial, the Lightwheel®, follows the well-known operating concept.

The manual mode and the holiday function can be activated by pressing a single button.



rosenthal design 

DeltaSol® SLT with LAN interface



Freely configurable compact-class controller

- 4 relay outputs (incl. 1 potential-free extra-low voltage relay)
- 4 inputs for Pt1000, Pt500 or KTY temperature sensors
- Input for 1 analogue Grundfos Direct Sensor™
- 1 V40 impulse input (also usable as a Pt1000, Pt500 or KTY temperature sensor input)
- 2 PWM outputs for the speed control of high-efficiency pumps
- Numerous pre-programmed optional functions
- 27 basic system layouts to choose from
- Automatic function control according to VDI 2169
- MicroSD card slot, LAN interface (optional), mini-USB port

RESOL DeltaSol® SLT

Price bracket A | Article no.: **115 005 33**

RESOL DeltaSol® SLT – Full kit

Incl. 4 Pt1000 sensors (2 x FKP6, 2 x FRP6)

Price bracket A | Article no.: **115 004 93**

RESOL DeltaSol® SLT with LAN interface

Price bracket A | Article no.: **115 004 03**

RESOL DeltaSol® SLT with LAN interface – Full kit

Incl. 4 Pt1000 sensors (2 x FKP6, 2 x FRP6)

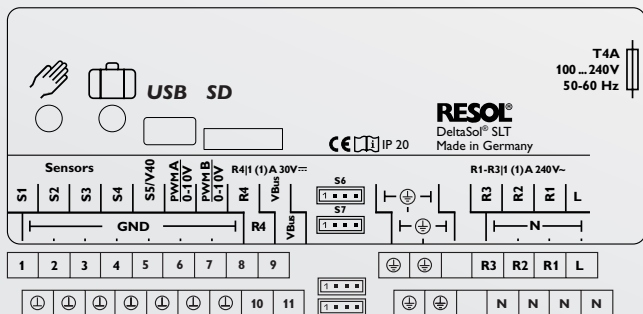
Price bracket A | Article no.: **115 004 13**

Customised and OEM versions are available on request. Please contact our sales team.

Menu languages:

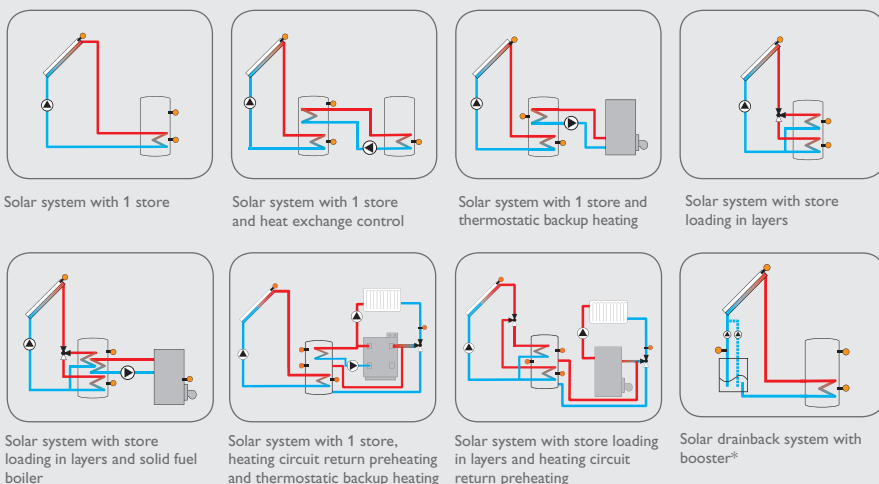


ELECTRICAL CONNECTION



Sensor 6: Grundfos Direct Sensor™, Sensor 7: FlowRotor

EXAMPLES



* Application examples

ACCESSORIES

RESOL DL2 Datalogger



For visualisation via VBus.net, incl. SD card and network cable, mains adapter and VBus® cable pre-connected

Price bracket A | Article no.: **180 007 10**

RESOL DL3 Datalogger



For visualisation via VBus.net, incl. SD card, mains adapter, network and VBus® cable

Price bracket A | Article no.: **180 009 90**

VFS/RPS Grundfos Direct Sensor™



Analogue sensors in different versions

RESOL SP10



Sensor overvoltage protection

Price bracket A | Article no.: **180 110 70**

MicroSD card



MicroSD card, 4 GB memory capacity, incl. adapter

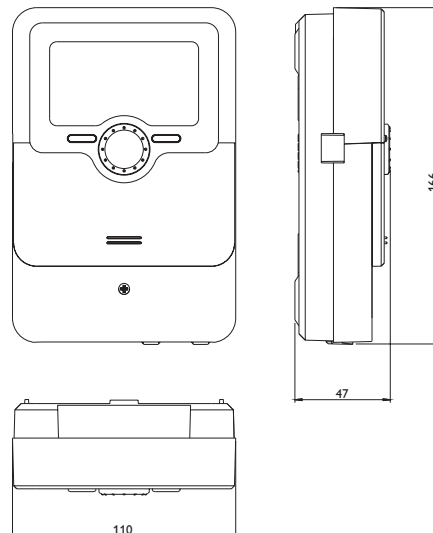
Price bracket C | Article no.: **180 007 41**

RESOL V40



V40 flowmeter in different versions

TECHNICAL DATA



Inputs: 4 inputs for Pt1000, Pt500 or KTY temperature sensors, 1 analogue Grundfos Direct Sensor™, 1 FlowRotor, 1 V40 impulse input (also usable as a Pt1000, Pt500 or KTY temperature sensor input)

Outputs: 3 semiconductor relays, 1 potential-free extra-low voltage relay, 2 PWM outputs (switchable to 0-10 V)

PWM frequency: 512 Hz

PWM voltage: 10.8 V

Switching capacity:

1 (1) A 240 V~ (semiconductor relay)

1 (1) A 30 V== (potential-free relay)

Total switching capacity: 3 A 240 V~

Power supply: 100 ... 240 V~ (50 ... 60 Hz)

Supply connection: type Y attachment

Standby: 0.68 W (without LAN interface), 1.43 W (with LAN interface)

Temperature controls class: I

Energy efficiency contribution: 1 %

Mode of operation: type 1.B.C.Y action

Rated impulse voltage: 2.5 kV

Data interface: RESOL VBus®, MicroSD card slot, LAN interface (optional), mini-USB port

VBus® current supply: 60 mA

Functions: operating hours counter, tube collector function, zone loading, heat exchange, speed control, heat quantity measurement, adjustable system parameters and optional functions (menu-driven), balance and diagnostics function, function control according to VDI 2169

Housing: plastic, PC-ABS and PMMA

Mounting: wall mounting, mounting into patch panels is possible

Indication/Display: full graphic display, operating control LED (Lightwheel®)

Operation: 4 push buttons and 1 adjustment dial (Lightwheel®)

Ingress protection: IP 20/EN 60529

Protection class: I

Ambient temperature: 0 ... 40 °C

Pollution degree: 2

Dimensions: 110 x 166 x 47 mm