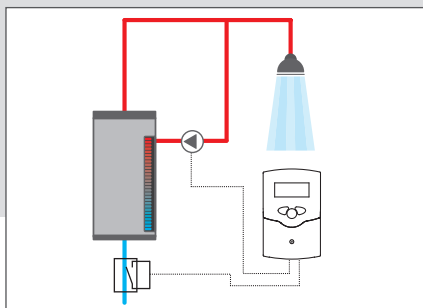




RESOL®
CONTROL TECHNOLOGY



EXAMPLE

EC1 Variable controller for circulation systems

The purpose of a circulation system is to provide the consumer with hot water as quick as possible when opening the tap. The pipe line system for the supply of domestic water is simultaneously used as a circulation system so that by means of the circulating pump, water is passed through the water pipes even without having to open the tap.

Via a flow switch in the cold water pipe, the controller monitors the water draw-off. After opening the tap for a short moment, the circulating pump is switched on and will be switched off again after the adjusted runtime. The tap operates like a "remote control". This circulating pump control function is an eco-friendly and energy-saving solution in line with demand.

TECHNICAL DATA

Input: 1 sensor input for flow switch
Output: 1 semiconductor relay
Switching capacity: 1(1)A 240V~
Power supply: 220–240 V~ (50–60 Hz)
Supply connection: type X attachment
Standby: 1,25 W
Mode of operation: type 1.Y
Rated impulse voltage: 2,5 kV
Housing: plastic, PC-ABS and PMMA
Mounting: wall mounting, mounting into patch panels is possible
Display: LC display, multi-functional combined display
Operation: by 3 push buttons at the front of the housing
Ingress protection: IP 20/EN 60529
Protection class: I
Ambient temperature: 0 ... 40 °C
Degree of pollution: 2
Relative humidity: 10 ... 90 %
Fuse: T2A
Maximum altitude: 2000 m above MSL
Dimensions: 172 x 110 x 49 mm

Article no.	Article	Price bracket
136 112 63	EC1 Variable controller for circulation systems – Full kit » incl. FS08 flow switch	A

FS07 / FS08 Flow switch



TECHNICAL DATA

Housing: Messing
Dimensions: 102 mm x 36 mm
Temperature range: -30 °C ... +100 °C
Maximum pressure: 10 bar
Switching capacity:
FS07: 230 V~/3 A **FS08:** 300 V~/1 A
Switching point: 1 litre / min
Upper connection thread: IT ¾
Lower connection thread: ET 22 mm flat sealing

The FS07 / FS08 Flow switch is used for flow detection and incorporates a reed contact, which will be closed as soon as the flow rate is larger than 1 litre/min.

Note

Suitable for vertical installation only. Please pay attention to the flow direction indicated on the housing!

Article no.	Article	Price bracket
256 011 10	FS07 Flow switch (230 V~ version; not suitable for EC1)	A
256 011 00	FS08 Flow switch (suitable for EC1)	A