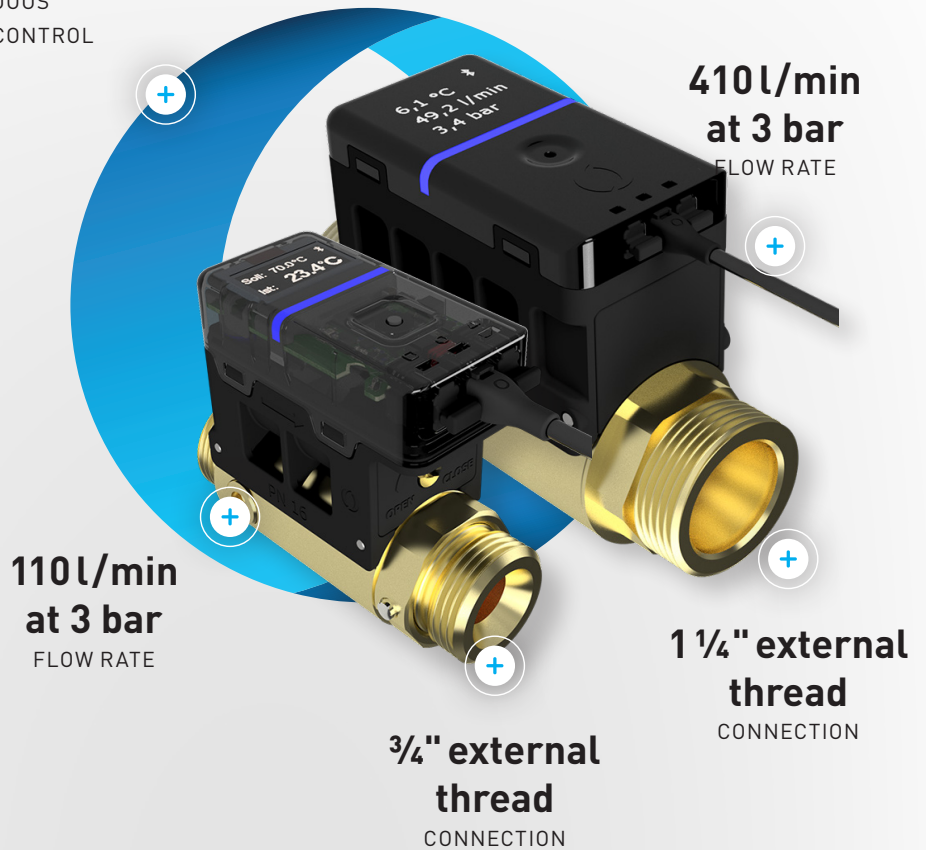




0 – 100 %
CONTINUOUS
FLOW RATE CONTROL



TWINLEVEL^o TLC Flow H2 / H3 PATENT PENDING

THE SMART HIGH-PERFORMANCE CONTROL VALVES

TLC Flow H2 and H3 are high-performance control valves for all fluid management applications such as drinking water, heating, ventilation, and cooling. Thanks to our patent-pending Straight Through technology, the valves boast a minimal loss of pressure. While both H2 and H3 are equipped with integrated temperature sensors, H3 can also measure the flow rate and pressure, making the valve itself multifunctional. Alongside continuous adjustment of the flow between 0% and 100%, the valve can be used for a wide range of additional functions, including hot and cold water circulation, leakage detection, automatic

safety switch-off, and consumption pattern logging. As with all TLC products, the valves are fitted with high-quality Flühs ceramic cartridges and comply with the strictest hygiene requirements thanks to their dead-space-free design.

In combination with hywise, TLC Flow H2 and H3 offer additional functions such as automatic hydraulic adjustment, leakage detection in the pipe network, and consumption pattern analysis, and can also issue warnings and alerts and provide documentation and external access for building management purposes.

STRAIGHT THROUGH TECHNOLOGY

Minimal loss of pressure

CONTINUOUS FLOW RATE CONTROL

Ranging from closed (0%) to open (100%)

DEAD-SPACE-FREE DESIGN

Fulfills the strictest hygiene requirements

PRECISE MEASUREMENTS

Flow rate, temperature, and pressure (H3)

INTEGRATED DISPLAY

Easy operation and display of target and actual values

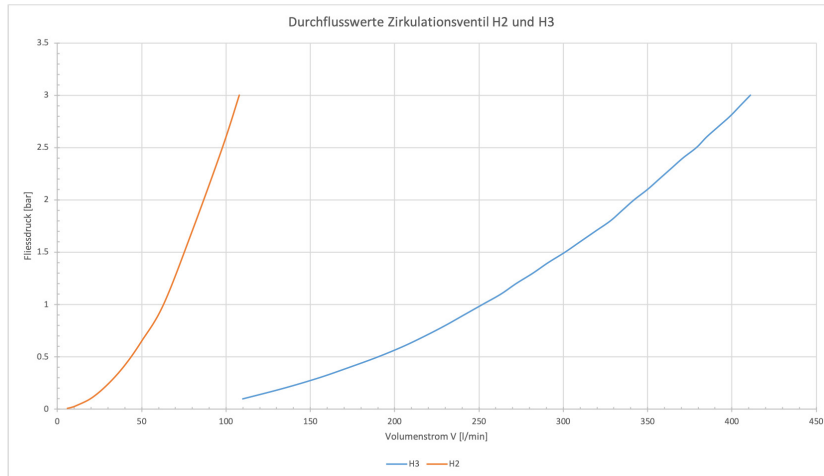
DIVERSE RANGE OF APPLICATIONS

From simple control valve to complex regulator
From stand-alone to complex networks

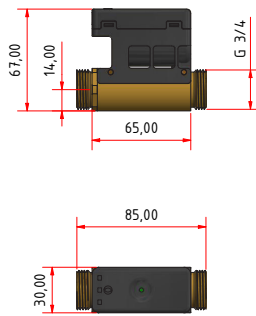
Oblamatik AG
La-Nicca-Strasse 12
CH-7000 Chur

P+41 81 553 53 00
sales@oblamatik.ch
oblamatik.ch

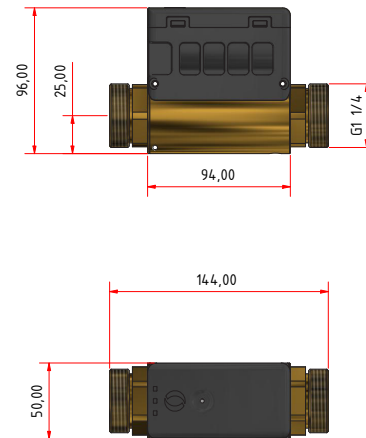




Flow H2



Flow H3



Specifications

TECHNICAL DATA

ELECTRONICS

POWER SUPPLY

12VDC

INTERFACES

External temperature sensor,
UART, CANopen, Bluetooth 5,
BT mesh, Li-Fi

MECHANICS

MATERIAL

Cuphin

CONNECTION

H2: 3/4" external thread
H3: 1 1/4" external thread

HYDRAULICS

FLOW RATE

H2: 110l/min at 3 bar
H3: 410l/min at 3 bar

APPLICATIONS

STAND ALONE

- > Safety valve
- > House-entrance or individual-story valve
- > Control valve
- > Hydraulic regulating valve
- > Leakage detection

WITH HYWISE

- > Leakage detection
- > Consumption pattern
- > Pipe network monitoring
- > Hygienic monitoring
- > Resource optimization
- > Hydraulic adjustment
- > Data logging