



**VDT technology/IR**  
SENSOR

**Li-Fi**  
PARAMETER SETTING



**0.1 bis 10 bar**  
PRESSURE RANGE

**0 – 19 l/min**  
**at 3 bar**  
FLOW RATE

## TWINLEVEL<sup>o</sup> TLC Flow H1 PATENT PENDING

THE CONTINUOUS FLOW VALVE

TLC Flow H1 is a compact, continuously adjustable flow valve. Equipped with a high-quality ceramic cartridge from Flühs, it meets the strictest hygiene requirements thanks to its dead-space-free design. Maintenance-intensive dirt filters are no longer required.

Integrated Li-Fi enables the water flow of a fixture to be adjusted directly and linearly. TLC Flow H1 shines wherever hygiene, reliability, and efficiency are the top priority. Its wide range of applications

include hands-free bathroom sink fixtures and self-closing fixtures, heating and cooling networks, and every kind of linear fluid management. Working in tandem with a Cleanlevel sensor, TLC Flow H1 also serves as a compact all-in-one urinal control system.

TLC Flow H1 can be controlled with a variety of sensors including standard commercially available IR sensors. Thanks to the integrated UART interface, TLC Flow H1 is also hywise-compatible.

### RELIABLE AND HYGIENIC

Ceramic cartridge from Flühs  
Membrane-free design with zero dead space

### WIDE RANGE OF APPLICATIONS

Various interfaces make it possible to easily adapt to existing sensors and fixtures

### WATER-EFFICIENT

The flow rate is linearly adjustable from 0% to 100%

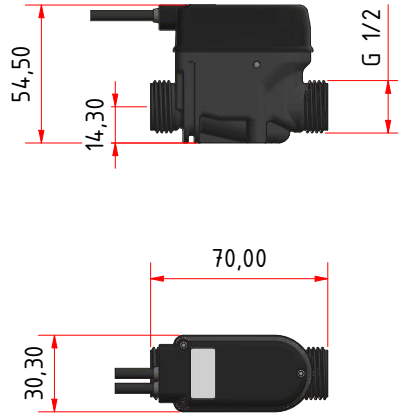
### EASY CONFIGURATION

Quick and easy using Li-Fi and the hywise lite app

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**DIMENSIONS** 89 × 31 × 25 mm

# Specifications

## TECHNICAL DATA

### ELECTRONICS

#### POWER SUPPLY

7.5V to 12VDC

#### POWER CONSUMPTION

0.5 to 4W

#### INTERFACES

IR, impulse solenoid valve,  
UART, hywise (optional)

#### PROTECTION CLASS

IP65

### WATER PATH

#### INPUT

G ½"

#### OUTLET

G ½"

#### FLOW RATE

0–19l/min at 3 bar  
(open outlet)

#### FLOW RATE CONTROL

0–100 %

#### PRESSURE RANGE

0.1–10 bar

#### BURST PRESSURE

50 bar/min

## All-In-One Urinal Control System

### TECHNICAL DATA

### ELECTRONICS

#### SENSOR

VDT technology

#### POWER SUPPLY

6VDC

Network or battery operation

#### POWER CONSUMPTION

Standby < 0.3 mW

#### PROTECTION CLASS

IP65

#### AMBIENT TEMPERATURE

5°C–50°C

#### WATER TEMPERATURE

4°C–70°C

#### HUMIDITY

90 % RH (noncondensing  
at water temperature)

### APPLICATIONS

- > Fixtures in hygienic areas
- > Infrared fixtures
- > Self-closing fixtures
- > Linear fluid management
- > All-in-one urinal control system

### ACCESSORIES

AC adapter, in-wall adapter  
hywise AirCon or hywise WireCon  
Cleanlevel Sensor 90° / 590 mm  
Cleanlevel Sensor 90° / 1000 mm