# PLURIMOD® user module

## 7008 series

01432/26 EN

### Function

The 7008 series PLURIMOD and PLURIMOD ULTRA user modules perform the user thermoregulation function in both heating and cooling mode, by means of a two-way ball zone valve, and allow direct consumption metering.
PLURIMOD, fitted with a turbine volume-type heat meter, and PLURIMOD ULTRA, fitted with an ultrasonic volume-type heat meter, are designed for the installation of devices for static or automatic balancing of the flow rate.

User modules are installed by means of suitable installation templates, available in versions with a single fittings template, with a wall plate or with a recessed box fitted with a painted door for indoor use.

### Product range

| | | |
|---|---|---|
| Code 700815 | Compact pre-assembled user module complete with CONTECA EASY heat meter with turbine flow meter and actuator | 230 ~ (AC) |
| Code 700816 | Compact pre-assembled user module complete with CONTECA EASY heat meter with turbine flow meter and actuator | 24 V ~ (AC) |
| Code 700815 007 | Compact pre-assembled user module complete with CONTECA EASY ULTRA heat meter with ultrasonic flow meter and actuator | 230 V ~ (AC) |
| Code 700816 007 | Compact pre-assembled user module complete with CONTECA EASY ULTRA heat meter with ultrasonic flow meter and actuator | 24 V ~ (AC) |
| Code 700815 001 | Compact pre-assembled user module complete with actuator | 230 V ~ (AC) |
| Code 700816 001 | Compact pre-assembled user module complete with actuator | 24 V ~ (AC) |

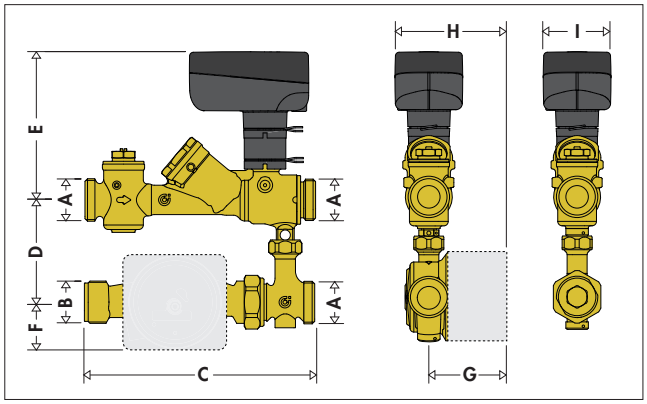
| | |
|---|---|
| Code 700801 | Headwork for static balancing of the flow rate |
| Code 700875 ... (*) | AUTOFLOW® high-resistance polymer cartridge |

* See table, section "*AUTOFLOW cartridge for automatic limiting of the flow rate*" for code and operating flow rate list

| | |
|---|---|
| Code 700000 | Recessed box for PLURIMOD and PLURIMOD EASY user modules |
| Code 700000 002 | Template for PLURIMOD and PLURIMOD EASY user modules |
| Code 700000 003 | Wall mounting plate for PLURIMOD and PLURIMOD EASY user modules |

### PLURIMOD® 7008 series user module and balancing devices


### Dimensions




| Codes | A | B | C | D | E | F | G | H | I | kg |
|---|---|---|---|---|---|---|---|---|---|---|
| **7008**1. | 1" | 1" | 181 | 80 | 116 | 35 | 70 | 97 | 54 | 2,7 |
| **7008**1. 007 | 1" | 1" | 181 | 80 | 116 | 35 | 57 | 84 | 54 | 2,6 |
| **7008**1. 001 | 1" | 1" | 181 | 80 | 116 | - | - | - | 54 | 1,6 |

## Technical specifications

| | |
|---|---|
| **Materials** | Brass EN 12165 CW617N |
| Maximum working pressure: | 10 bar |
| Working temperature range: | 3–90 °C |
| Medium: | water, glycol solutions |
| Max. percentage of glycol: | 30 % |
| **Connections:** | 1" M |

## Characteristic components

The module includes:

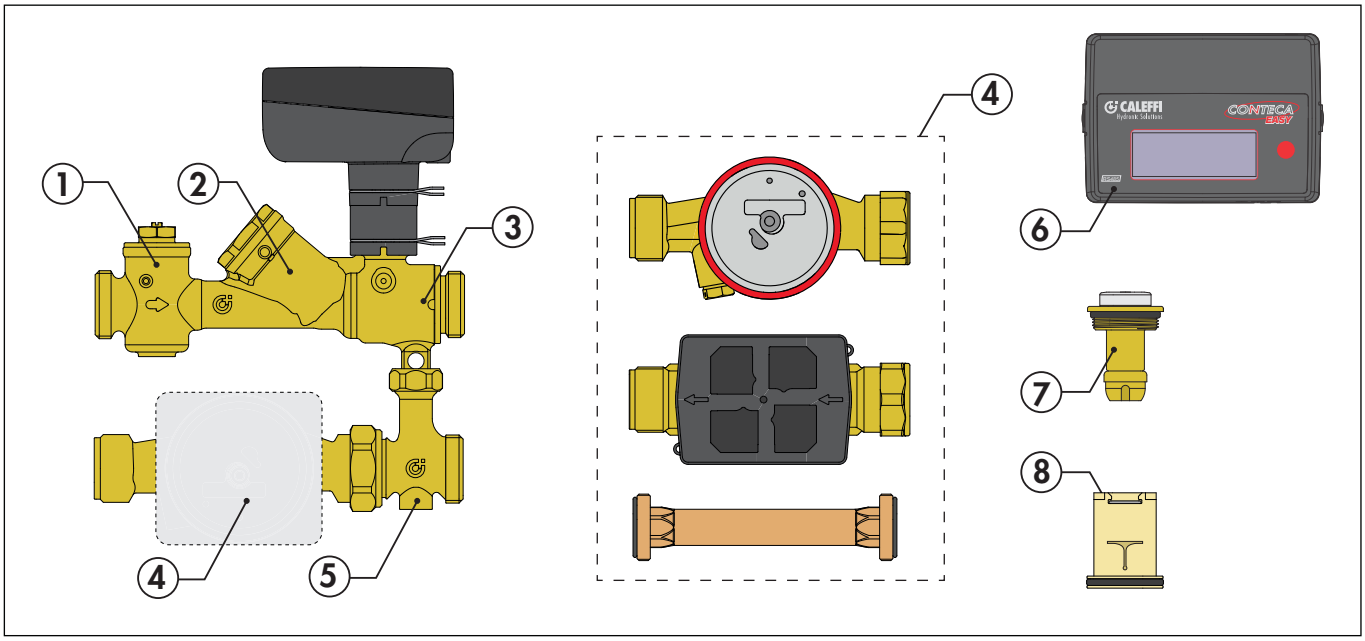
1. flow probe pocket with mesh strainer (400 µm);

   **N.B.:** provide a filtering system upstream of the user module in case of impurities within the system which are small enough to pass through the strainer mesh.

2. seat for flow rate regulation devices;
3. 644 series two-way zone valve with actuator (230 V or 24 V);
4. - for product codes 700815 – 700816: CONTECA EASY heat meter with turbine flow meter, connections 1";
   - for product codes 700815 007 – 700816 007: CONTECA EASY ULTRA heat meter with ultrasonic flow meter, connections 1";
   - for product codes 700815 001 – 700816 001: connecting pipe, connections 1";
5. return probe pocket;
6. CONTECA EASY integrator (electric supply 24 V ~ (AC) and centralised transmission, M-BUS protocol over RS-485 Bus or MODBUS RTU (option code 750811); (integrator only included for product codes 700815 - 700816 - 700815 007 - 700816 007).

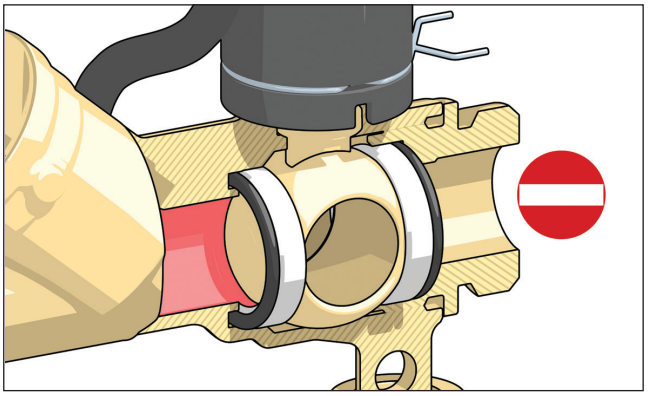
Finishing accessories - optional:

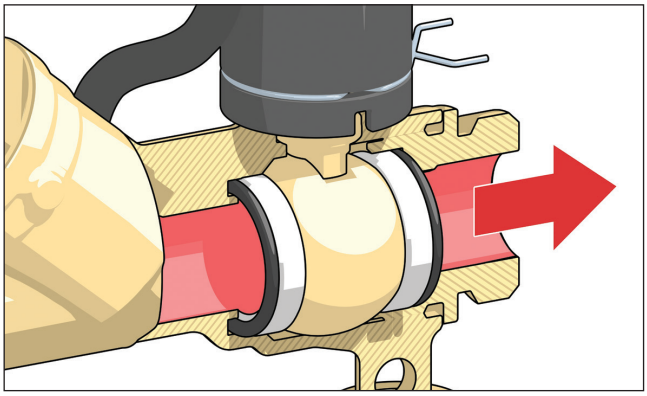
7. cartridge for static balancing of the flow rate code 700801;
8. AUTOFLOW cartridge for automatic limiting of the flow rate code 700875 ...



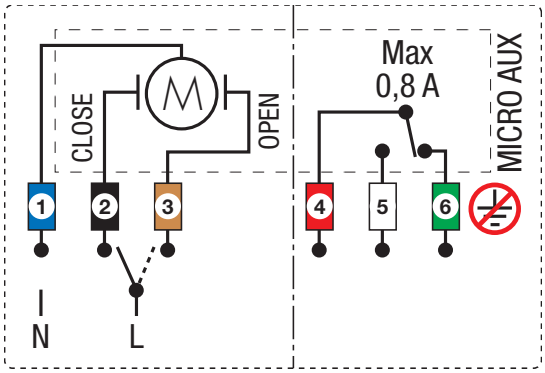

## User thermoregulation

User thermoregulation is carried out via a two-way ball valve: in response to the opening signal coming from the room thermostat or the control unit, the two-way ball valve switches, connecting the user with the primary circuit originating from the central heating system. The two-way ball valve is driven by an actuator, available in 230 V (AC) or 24 (AC) versions. Using an actuator allows the system to reduce switching times in relation to applications which use thermo-electric actuators.





## Actuator connection diagram



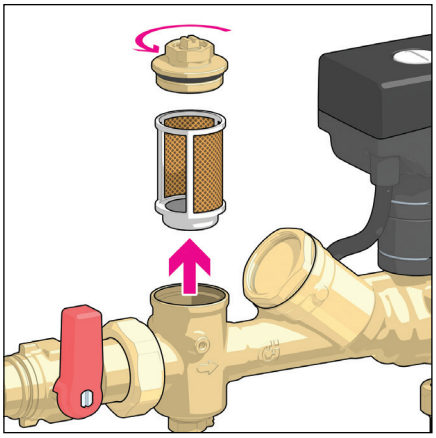

1 Blue
2 Black
3 Brown
4 Red
5 White
6 Green

## Actuator characteristics

| | |
|---|---|
| Power supply voltage: | 230 V ~ (AC) / 24 ~ (AC) ± 10 % |
| Frequency: | 50-60 Hz |
| Control type: | three-point |
| Auxiliary microswitch: | Yes |
| Power consumption: | 4 VA |
| Ambient temperature range: | 0–55 °C |
| Protection class: | IP 54 |
| Operating time: | ~40 sec |

## Strainer

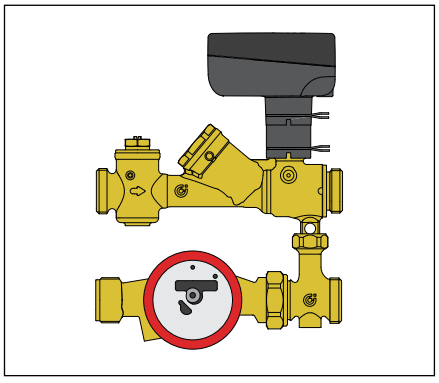
PLURIMOD 7008 series user modules have a strainer cartridge with stainless steel mesh (mesh 400 µm), positioned near the connection with the primary circuit originating from the central heating system. This means any solid pollutants can be captured in order to protect the user circuit and the most sensitive components installed downstream of it. Regular strainer inspection and maintenance on the part of the user allows the hydraulic characteristics of the system to be fully exploited without compromising its performance.



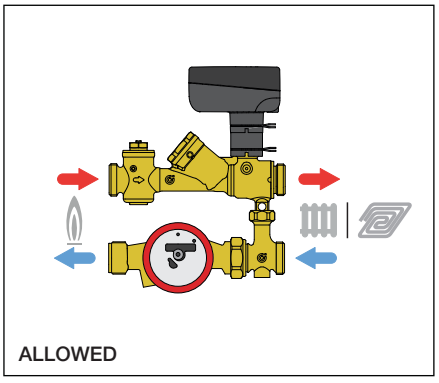
## PLURIMOD setup

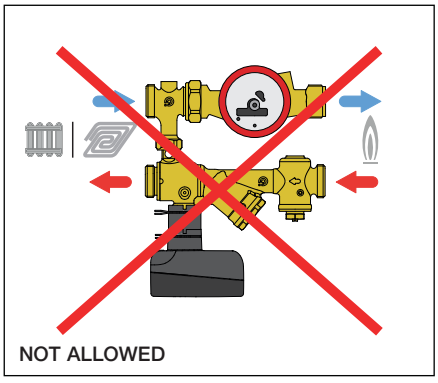
The reversible installation featured in PLURIMOD 7008 series user modules means that various system-related solutions can be tackled, simplifying the development of hydronic circuits.
Supplied by default with fittings for connection to the primary circuit originating from the central heating system on the left-hand side, it can easily be reconfigured during installation to allow connection to the primary circuit on the right-hand side.

### Factory setting

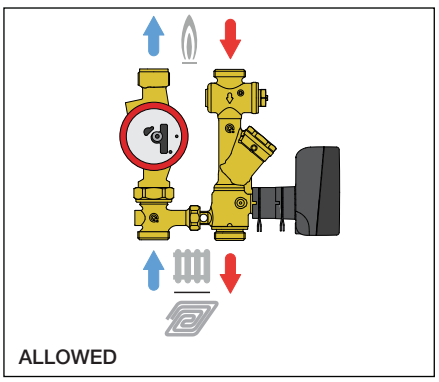


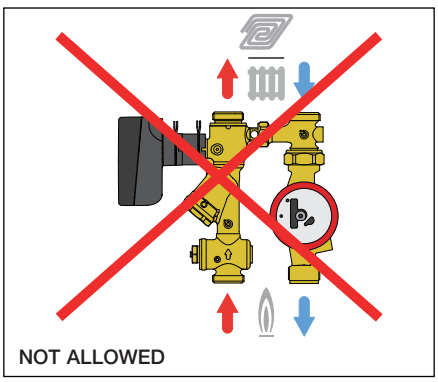
### Horizontal installation



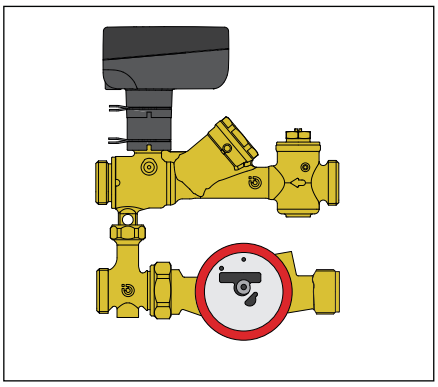




### Vertical installation

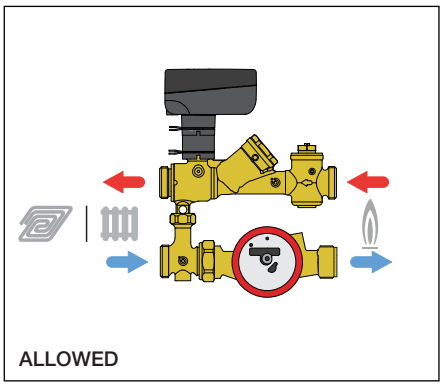


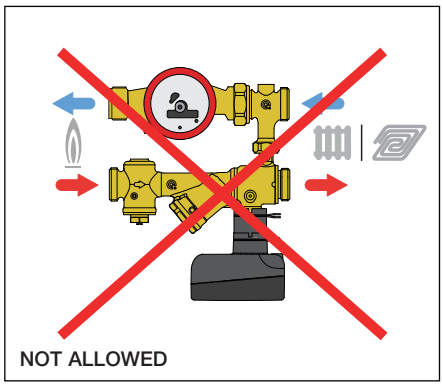



**Reverse setting**

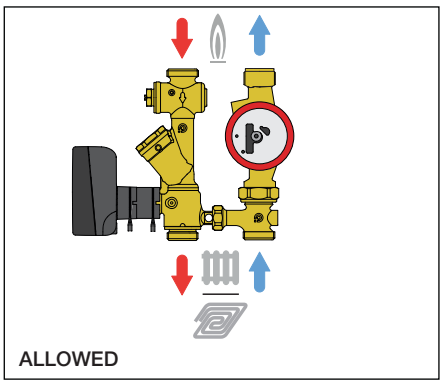


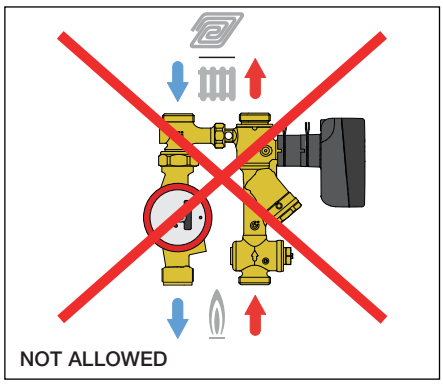
**Horizontal installation**



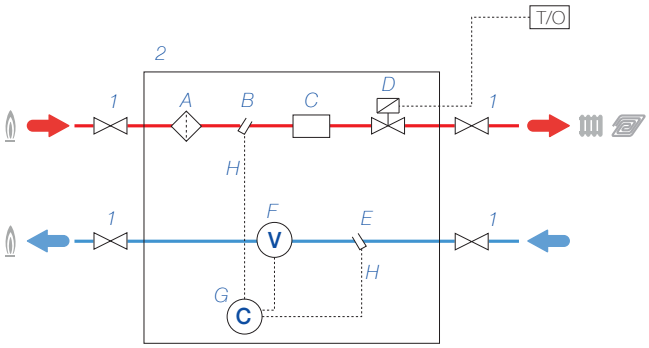

**Vertical installation**




## Hydraulic diagram

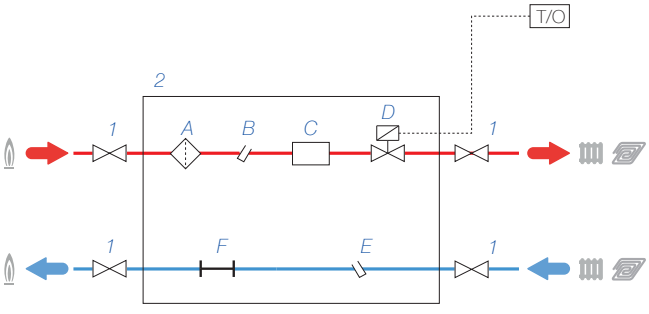
### Code 700815 / 700816 / 700815 007 / 700816 007




1. Fittings template shut-off valves
2. PLURIMOD® 7008 series module consisting of:
   A) strainer;
   B) flow probe pocket;
   C) flow rate regulation systems:
   — without regulation device.
   regulation headwork for static balancing;
   cartridge for automatic limiting;
   D) two-way ball zone valve;
   E) return probe pocket;
   F) volume meter;
   G) CONTECA® EASY electronics panel;
   H) temperature probes

T/O: chrono-thermostat/clock (not supplied).

### Code 700815 001 / 700816 001




1. Fittings template shut-off valves
2. PLURIMOD® 7008 series module consisting of:
   A) strainer;
   B) flow probe pocket;
   C) flow rate regulation systems:
   — without regulation device.
   regulation headwork for static balancing;
   cartridge for automatic limiting;

1. D) two-way ball zone valve;
   E) return probe pocket;
   F) connection pipe

T/O: chrono-thermostat/clock (not supplied)

## Hydraulic characteristics

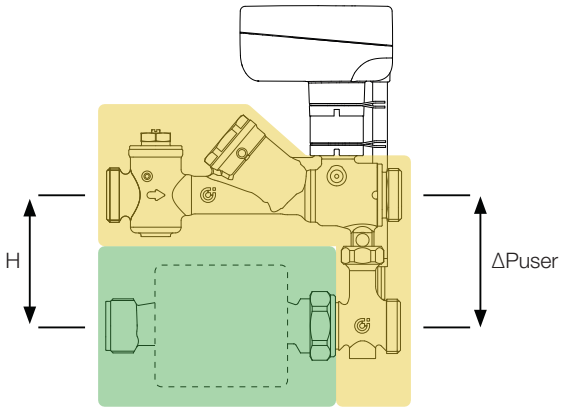
The head H to be delivered to the module connections can be calculated with the formula:

$H = \Delta P_{PLURIMOD} + \Delta Puser$
$\Delta P_{PLURIMOD} = \Delta Pmodule + \Delta Pmeter$

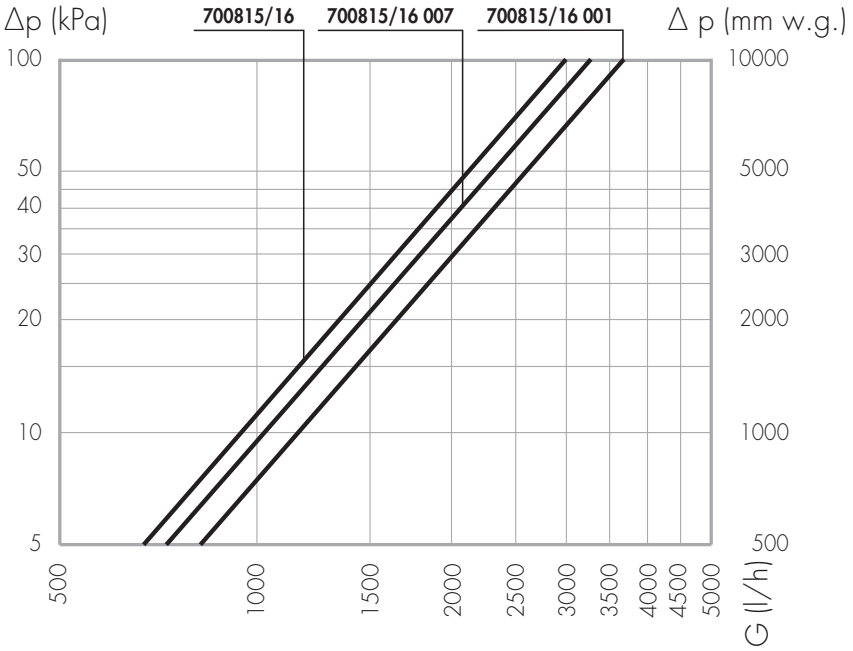
where:

ΔPmodule = pressure drop relating to the user module without connection pipe or heat meter (and flow rate regulation devices). See section *"User module pressure drop"*.

ΔPmeter = pressure drop relating to the channelling pipe or heat meter (turbine or ultrasonic). See section *"Meter pressure drops"*.




## Pressure drops diagram*



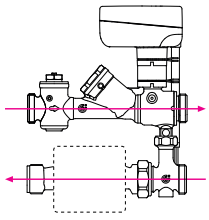

From an analytical point of view, when the Kv for only the user module is known, you can calculate the flow rate of the medium G as follows:

$G = Kv \cdot \sqrt{\Delta P_{PLURIMOD}}$

where:

G ($m^3/h$) = flow rate of the medium passing through the user module
Kv ($m^3/h$) = flow coefficient for the user module only
$\Delta P_{PLURIMOD}$ (bar) = pressure drop for the user module only

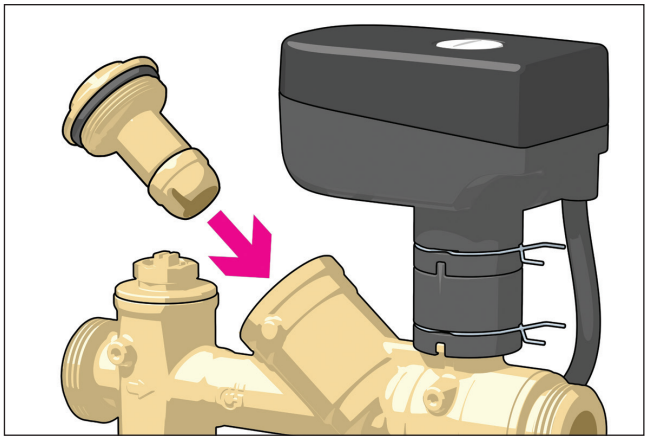
* The diagram refers to the overall pressure drops for the user module $\Delta P_{PLURIMOD}$

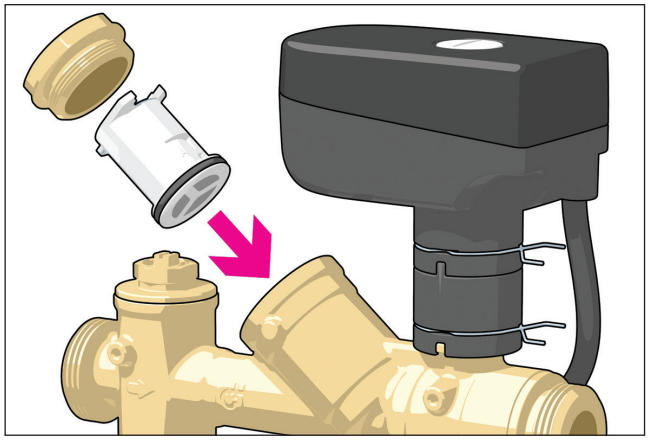


| | Product code | | | | | |
|---|---|---|---|---|---|---|
| | **700815** | **700816** | **700815 007** | **700816 007** | **700815 001** | **700816 001** |
| **Kv ($m^3/h$ @1 bar)** | 3,0 | 3,0 | 3,3 | 3,3 | 3,7 | 3,7 |

**Flow rate balancing devices**

- Flow rate balancing devices are used to regulate the working range of the user module.
- For PLURIMOD 7008 series user modules, depending on the desired system regulation strategy, one of two different balancing devices may be used:
  - regulation headwork for static balancing of the flow rate;
  - AUTOFLOW cartridge for automatic limiting of the flow rate.
- Devices are installed by fitting them into the relevant Y-seat on the user module.





**Hydraulic characteristics**

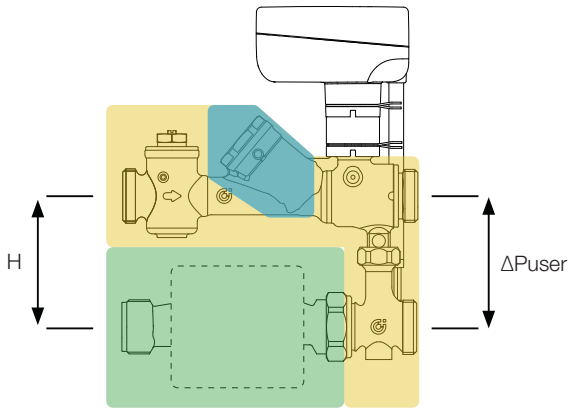
If using balancing devices, the head H to be delivered to the module connections can be calculated with the formula:

$H = \Delta P_{PLURIMOD} + \Delta Puser$

$\Delta P_{PLURIMOD} = \Delta Pmodule + \Delta Pmeter + \Delta Preg$

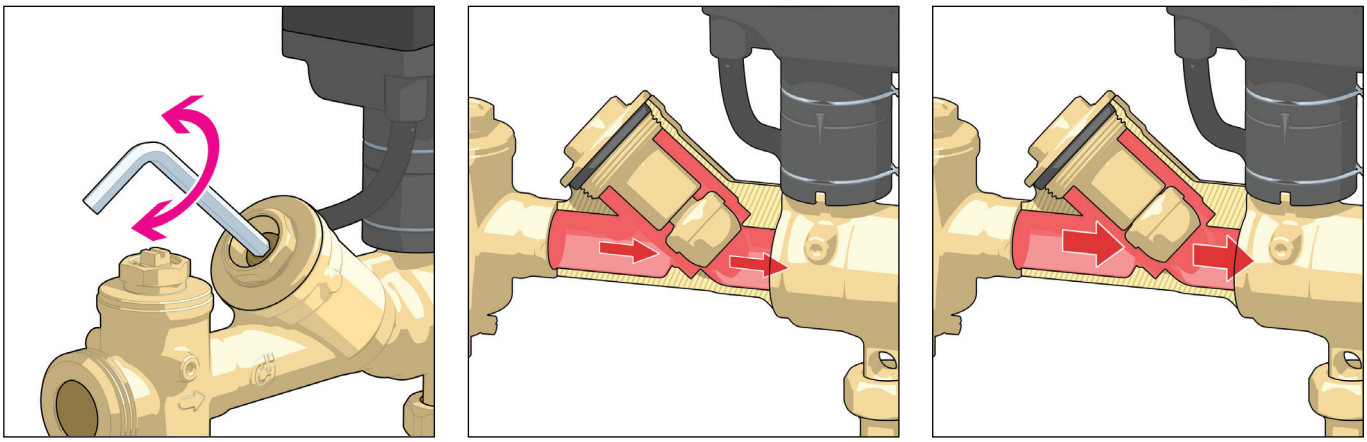
where:

| | | |
|---|---|---|
| ΔPmodule | = | pressure drop relating to the user module without connection pipe or heat meter and flow rate regulation devices. |
| ΔPmeter | = | pressure drop relating to the channelling pipe or heat meter (turbine or ultrasonic). |
| ΔPreg | = | pressure drop relating to the flow rate regulation system (if there is no regulation device ΔPreg=0). |

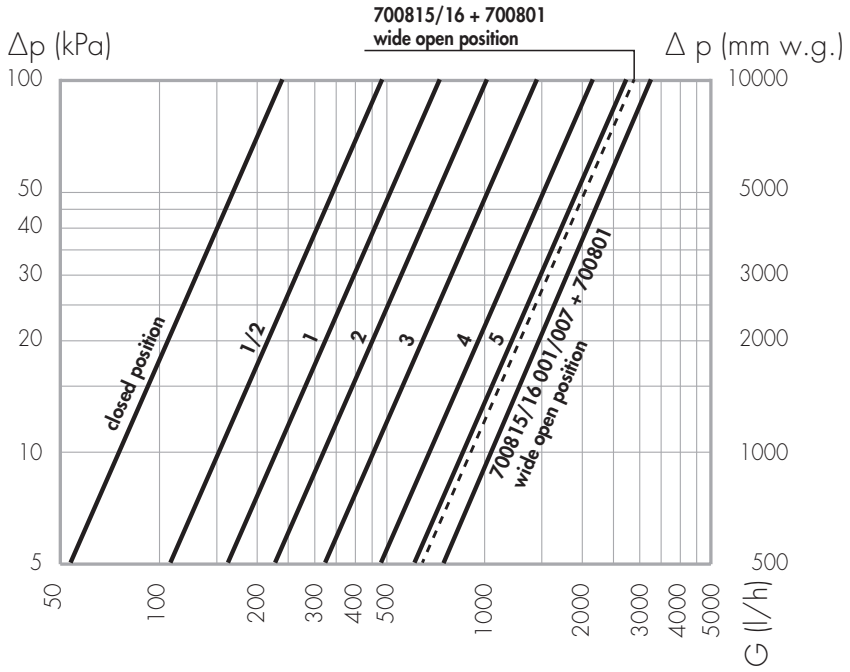



**Regulation headwork code 700801**

The regulation headwork creates static type regulation of the flow rate, which makes it possible to change the hydraulic characteristics of the user module according to the design conditions and allowing, for example, finer adjustment on the user terminals or avoiding the emergence of noise issues in them.
The working position of the headwork can be changed manually using, for example, an Allen key. As a result, the the cross-section through which the medium passes is altered, obtaining the desired flow rate G as a result of a specified pressure drop across the user module ΔpPLURIMOD.



**Pressure drops diagram***




From an analytical point of view, when the Kv for only the user module is known, you can calculate the flow rate of the medium G as follows:

$G = Kv \cdot \sqrt{\Delta P_{PLURIMOD}}$

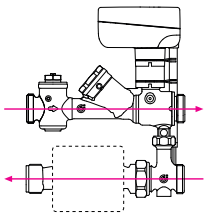
where:

G ($m^3/h$) = flow rate of the medium passing through the user module

Kv ($m^3/h$) = flow coefficient for the user module according to the position of the regulation headwork

$\Delta P_{PLURIMOD}$ (bar) = pressure drop for the user module only

* The diagram refers to the overall pressure drops for the user module $\Delta P_{PLURIMOD}$



| | Headwork position | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | **All closed** | **1/2** | **1** | **2** | **3** | **4** | **5** | **700815/16 + 700801 Fully open** | **700815/16 + 001/007 + 700801 Fully open** |
| **Kv ($m^3/h$ @1 bar)** | 0,2 | 0,5 | 0,7 | 1 | 1,4 | 2,1 | 2,7 | 2,9 | 3,3 |

**Setting of the maximum flow rate by means of the heat meter**

If the pressure drop of the heating system to be served is not known beforehand in precise terms, pre-adjustment can be set experimentally using the flow rate information provided by the heat meter. IT is nevertheless necessary to make sure that the hydraulic characteristics of the PLURIMOD 7008 series user module are compatible with the system in which it is to be used.

1 - Perform the following preliminary steps:

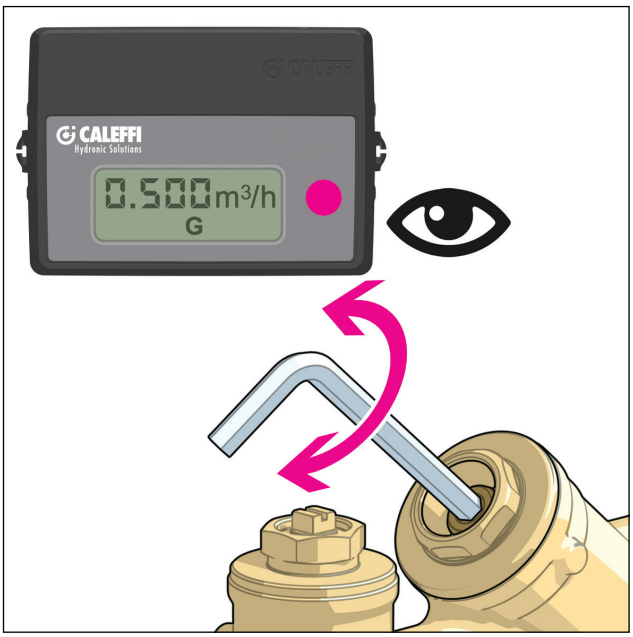
RADIATOR HEATING SYSTEM - After balancing the radiators by means of lockshield valves, set the thermostatic valves to the maximum opening position.

RADIANT PANEL/FAN-COIL SYSTEM - After balancing the individual heading bodies/loops in the underfloor system, make sure that any thermoregulation devices, e.g. thermo-electric devices, are in their fully open position.

2 - Press the button on the front of the CONTECA EASY integrator until the screen relating to the flow rate appears (see section *"Metering"*).

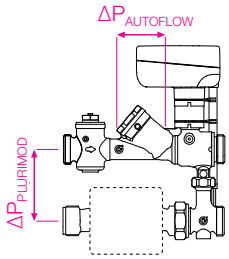
3 - Use an Allen key to change the working position of the regulation headwork and wait for a few seconds, until the value shown on the display has stabilised. Adjustment is continuous so all intermediate settings are available. The stabilisation time is longer the smaller the circulating flow rate.

4 - Repeat the previous point until reaching the required design flow rate.



**AUTOFLOW cartridge for automatic limiting of the flow rate code 700875 ...**

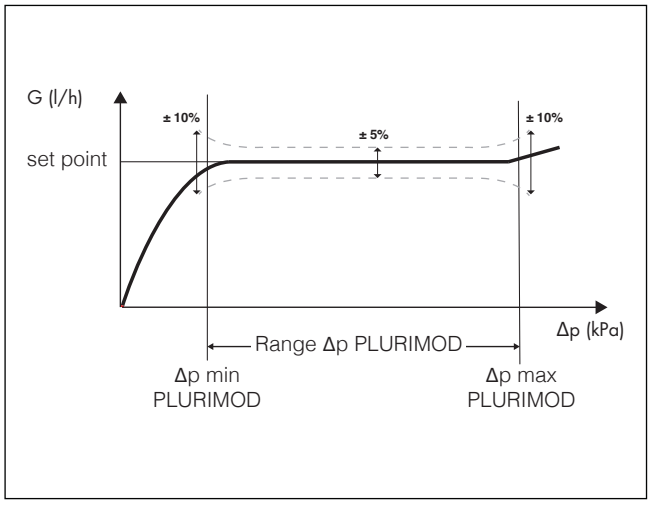
Available for various nominal regulation flow rates, AUTOFLOW cartridges allow the flow rate G to be limited or maintained at a constant value, regardless of changes in system operation. Any changes to operating conditions within the AUTOFLOW cartridge working range (on the branch for the primary circuit originating from the central heating system or on the branch for the circuit running towards the user), in relation to the design conditions, are balanced by the device itself.

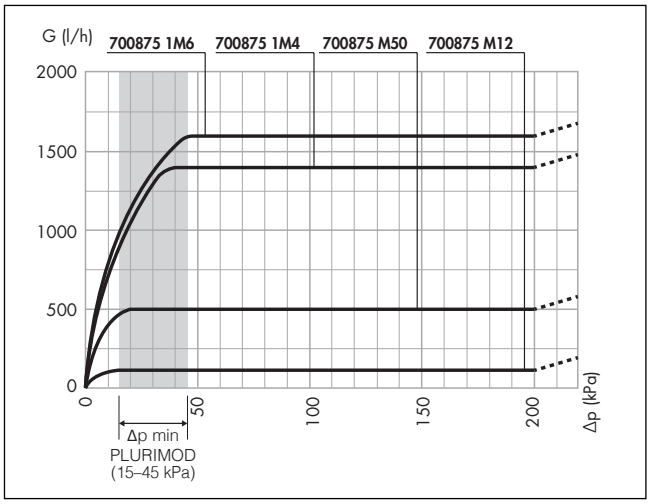



| Code | G ($m^3$/h) | G (l/h) | Δp min PLURIMOD (kPa) | Δp range AUTOFLOW (kPa) | Δp range PLURIMOD (kPa) |
|---|---|---|---|---|---|
| 700875 M12 | 0,12 | 120 | 15 | 15 - 200 | 15 - 200 |
| 700875 M15 | 0,15 | 150 | 15 | 15 - 200 | 15 - 200 |
| 700875 M20 | 0,2 | 200 | 15 | 15 - 200 | 15 - 200 |
| 700875 M25 | 0,25 | 250 | 15 | 15 - 200 | 15 - 200 |
| 700875 M30 | 0,3 | 300 | 15 | 15 - 200 | 15 - 200 |
| 700875 M35 | 0,35 | 350 | 15 | 15 - 200 | 15 - 200 |
| 700875 M40 | 0,4 | 400 | 15 | 15 - 200 | 15 - 200 |
| 700875 M50 | 0,5 | 500 | 20 | 15 - 200 | 20 - 200 |
| 700875 M60 | 0,6 | 600 | 20 | 15 - 200 | 20 - 200 |
| 700875 M70 | 0,7 | 700 | 25 | 15 - 200 | 25 - 200 |
| 700875 M80 | 0,8 | 800 | 25 | 15 - 200 | 25 - 200 |
| 700875 M90 | 0,9 | 900 | 30 | 15 - 200 | 30 - 200 |
| 700875 1M0 | 1 | 1000 | 30 | 15 - 200 | 30 - 200 |
| 700875 1M2 | 1,2 | 1200 | 35 | 15 - 200 | 35 - 200 |
| 700875 1M4 | 1,4 | 1400 | 35 | 15 - 200 | 35 - 200 |
| 700875 1M6 | 1,6 | 1600 | 45 | 15 - 200 | 45 - 200 |

**Pressure drops diagram**

For the device to keep the flow rate G constant regardless of the circuit differential pressure conditions, the pressure drop across the user module ΔpPLURIMOD must be in the range from the ΔpminPLURIMOD value and the maximum value of 200 kPa.



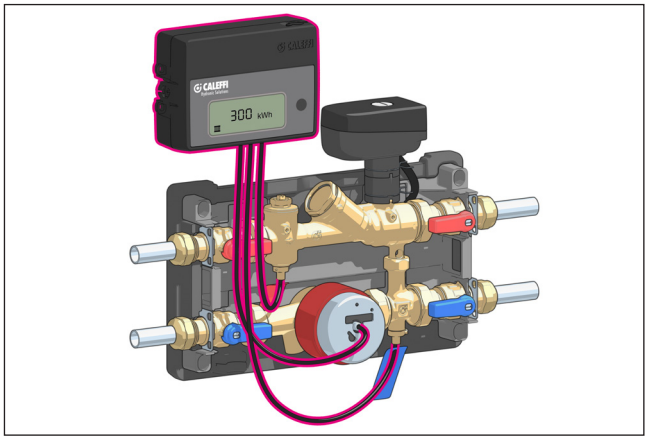

**Insulation**

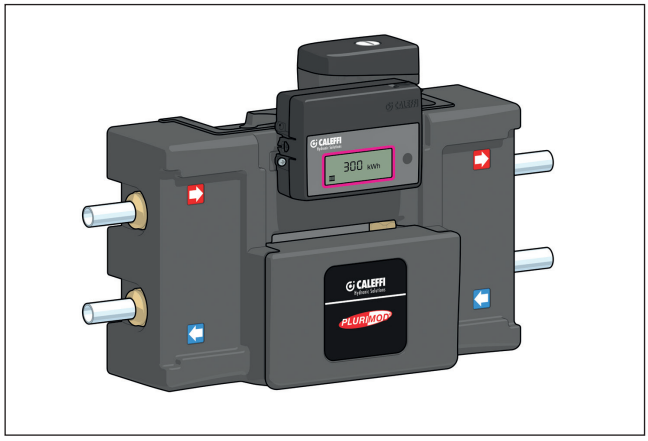
The material (PPE) used for the fittings template heat insulation makes using the PLURIMOD 7008 series and PLURIMOD EASY 7002 series suitable for application in both heating and cooling applications, guaranteeing low heat loss and sufficient anti-condensation protection (this is also due to the total absence of thermal bridges).
The shell also functions as a seat for the CONTECA EASY electronics panel and housing for the power and signal cables used by PLURIMOD 7008 series and PLURIMOD EASY 7002 series user modules.

## Metering

The CONTECA EASY integrator is a direct type thermal energy meter, particularly suited to measuring heat consumption in residential buildings. Thanks to its double memory register, it is able to keep a record of the energy used in both heating and cooling modes. The CONTECA EASY meter is very easy to install and hardly requires any maintenance. The electronic technology and materials used enable precise and reliable measurement. High-precision NTC type temperature probes are used. CONTECA EASY is able to acquire up to 4 additional pulse inputs and is equipped for centralised teletransmission (max. 50 users) in M-Bus protocol, on the RS-485 network. The device also supports MODBUS RTU protocol (option code 750811).

The electronic integrator is equipped with a liquid crystal display which allows easy reading of consumption and technical data, so that the operating status of the appliance can be evaluated and the data logged.




**Heating energy**


**Domestic hot water (DHW), 1st pulse consumption**


**Cooling energy**


**Domestic cold water (DCW), 2nd pulse consumption**


## Setup options

### 7558

**Metering cooling systems.**
The configuration option can be used to add functions to CONTECA EASY heat meters.

Code
**7558**10

### 7558

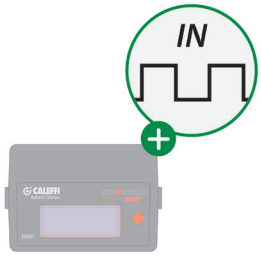
**Flow rate scanning with DHW recirculation.**
The configuration option can be used to add functions to CONTECA EASY heat meters.
Must be used in conjunction with kit code 755826 00., consisting of a volume meter and AUTOFLOW.

Code
**7558**26


## 7508

**Transmission with Modbus RTU protocol.**
The configuration option can be used to add functions to CONTECA EASY heat meters and AQUAPRO EASY loggers.
Max no. of CONTECA EASY on Modbus: 50
Communication parameters 9600,8,E/N,1

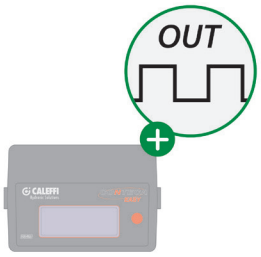
| Code |
|---|
| **7508**11 |




## 7558

**Additional pulse input acquisition.**
The configuration option can be used to add functions to CONTECA EASY heat meters.
Max. 2 options available to order for each heat meter.
Pulse weight and unit of measurement can be configured and should be indicated when ordering.

| Code |
|---|
| **7558**25 |



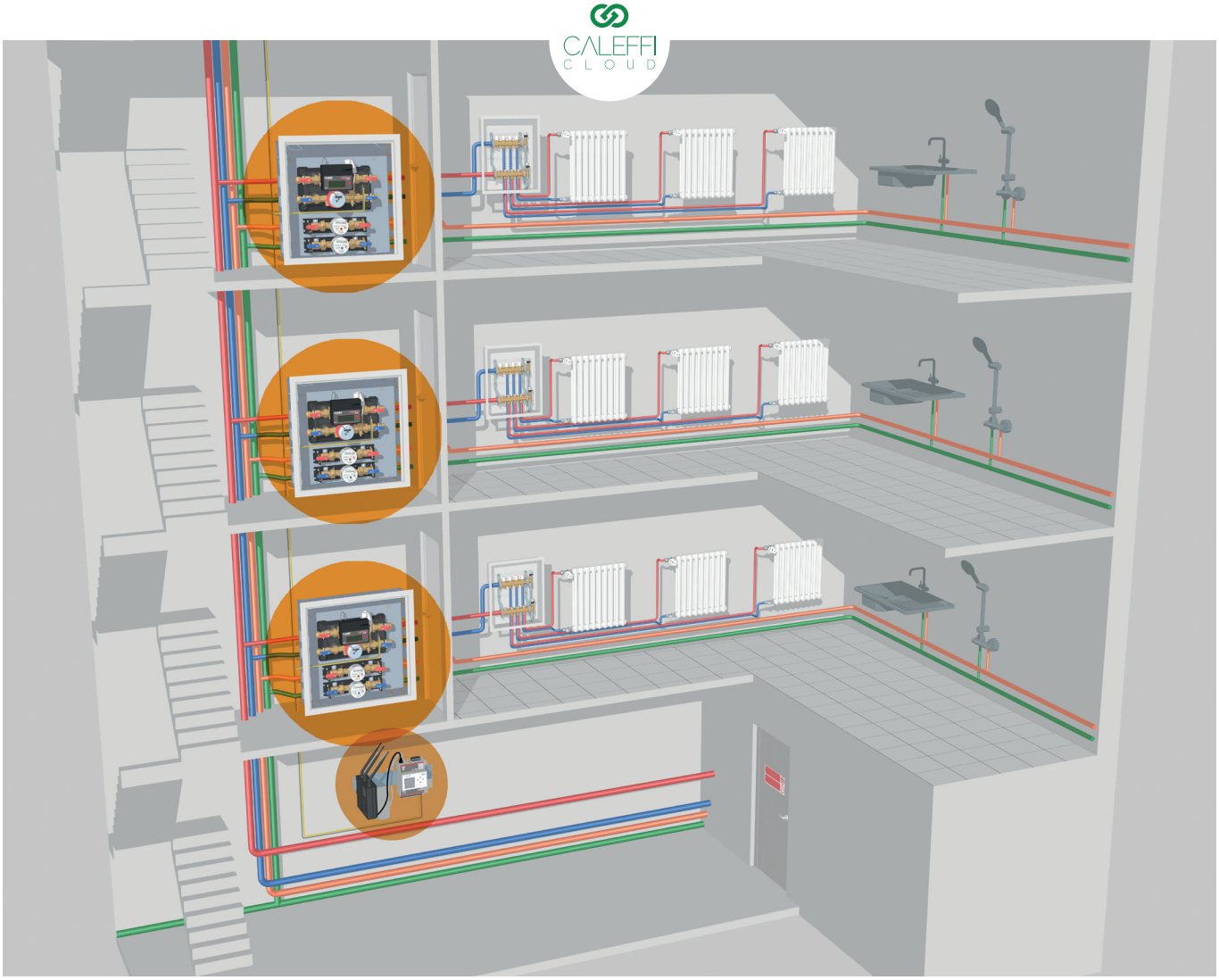

## 7558

**Pulse output**.
The configuration option can be used to add functions to CONTECA EASY heat meters.
Can be used for connection to pulse loggers.

Pulse weight: 1 kWh/pulse

| Code | N.B. |
|---|---|
| **7558**81 | heating |
| **7558**82 | heating and cooling |

**Data remotisation - Caleffi Cloud**



## Fittings templates and installation solution

## Function

The fittings template allows hydraulic connections to be performed, in preparation for the installation of PLURIMOD 7008 series and PLURIMOD EASY 7002 series user modules and the subsequent initial start-up, hydraulic seal check and washing phases.

Fittings templates are available in various types to suit the desired installation solution:

- single fittings template with insulation.
- wall mounting plate with fittings template pre-installed, with insulation and the option of combining 3 domestic water user outlets.
- recessed wall box with fittings template pre-installed, with insulation and the option of combining 2 domestic water user outlets.

### Recessed box with fittings template code 700000

Recessed box with galvanised backplate and painted door 480x480 mm **for interiors,** RAL9010; fitted with finishing frame with adjustable depth from 130 to 160 mm.

The recessed box is supplied complete with:

- technopolymer mounting bracket with thermal insulation;
- 1 pair of 3/4" M ball valves with telescopic tailpiece;
- 1 pair of 3/4" M standard ball valves;
- 2 flushing pipes for initial system washing. Tmax 55 °C;
- adhesive label indicating the flow direction (to be applied) cardboard to protect against any rubble created during the finishing stages of the construction work;
- pre-formed shell insulation;
- guides for positioning 2 domestic water outlets and template for volume meter (see section *"Finishing accessories - general user"*).

### Fittings template for wall bracketing code 700000 002

The fittings template is supplied complete with:

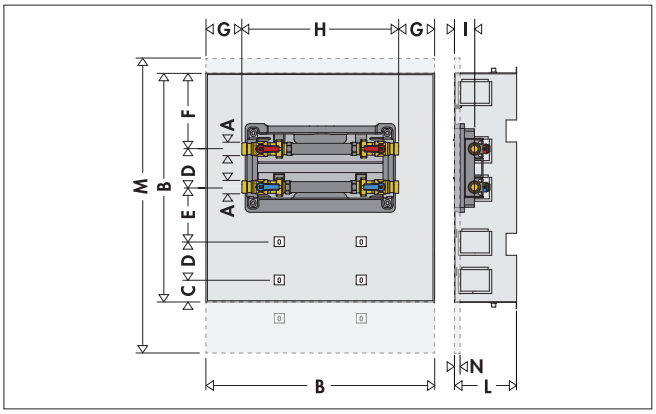
- technopolymer mounting bracket with thermal insulation;
- 1 pair of 3/4" M ball valves with telescopic tailpiece;
- 1 pair of 3/4" M standard ball valves;
- 2 flushing pipes for initial system flushing;
- adhesive label indicating the flow direction (to be attached);
- pre-formed shell insulation.

### Wall mounting plate with fittings template code 700000 003

The wall mounting plate is supplied complete with:

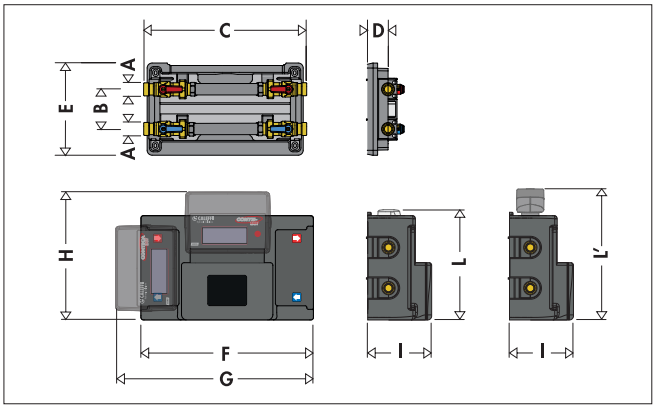
- technopolymer mounting bracket with thermal insulation;
- 1 pair of 3/4" M ball valves with telescopic tailpiece;
- 1 pair of 3/4" M standard ball valves;
- 2 flushing pipes for initial system washing. Tmax 55 °C;
- adhesive label indicating the flow direction (to be applied) cardboard to protect against any rubble created during the finishing stages of the construction work;
- pre-formed shell insulation;
- guides for positioning 3 domestic water outlets and template for volume meter (see section *"Finishing accessories - general user"*).

## Dimensions




| Code | A | B | C | D | E | F | G |
|---|---|---|---|---|---|---|---|
| 700000 | 3/4" | 480 | 45 | 80 | 115 | 158 | 75 |
| | H | I | L | M | N | kg | |
| | 328 | 42 | 130 | - | - | 7,2 | |

| Code | A | B | C | D | E | F | G |
|---|---|---|---|---|---|---|---|
| 700000 003 | 3/4" | - | - | 80 | 115 | - | 75 |
| | H | I | L | M | N | kg | |
| | 328 | 42 | - | 610 | 12 | 4,8 | |



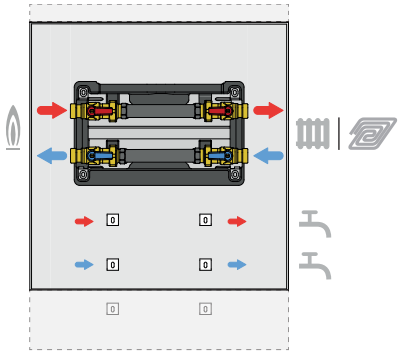

| Code | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 700000 002 | 3/4" | 80 | 328 | 42 | 186 | 340 |
| | G * | H * | I | L ** | L' *** | kg |
| | 370 | 245 | 126 | 225 | 260 | 1,7 |

**Positioning and installation solutions**

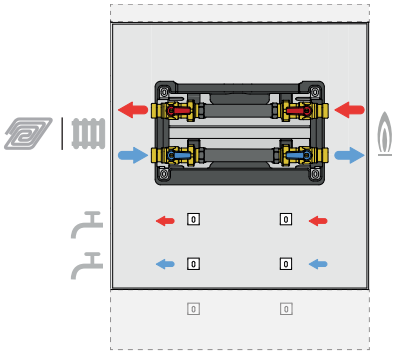
The reversibility of the fittings templates means they can be installed in a horizontal or vertical position, which allows straightforward management of system cases in which the primary circuit, central heating system side, comes from the left-hand side, the right-hand side or above.

**Code 700000, 700000 003**

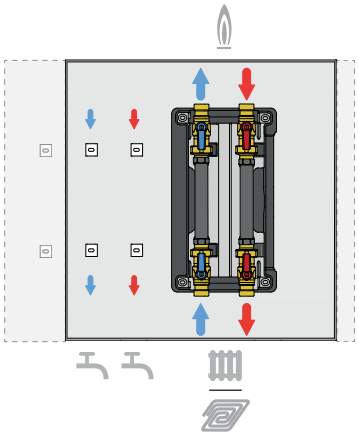
1) Horizontal (left-side connection)



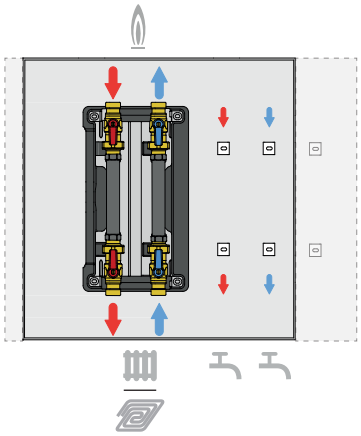
2) Horizontal (right-side connection)



3) Vertical (connection on top, RH flow)



4) Vertical (connection on top, LH flow)

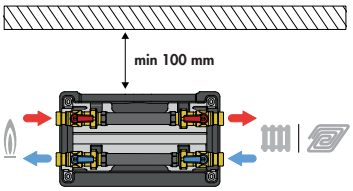


**N.B.:** Any domestic hot water and technical water meters must be positioned on the corresponding guides, as shown in the diagrams provided.

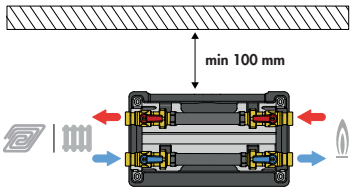
**Installation positions other than those indicated in this manual are not permitted**

**Code 700000 002**

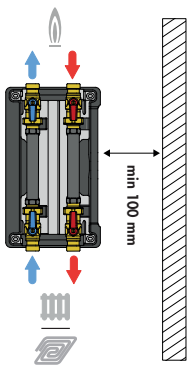
1) Horizontal (left-side connection)



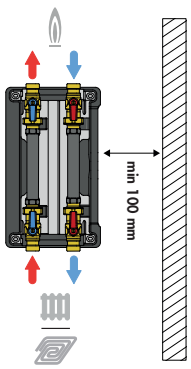

2) Horizontal (right-side connection)




3) Vertical (connection on top, RH flow)




4) Vertical (connection on top, LH flow)




**N.B.:** During installation, **leave enough space** for installation of the hydraulic module and the CONTECA electrical panel.

**Installation positions other than those indicated in this manual are not permitted**

## Finishing accessories - single user with distribution manifold

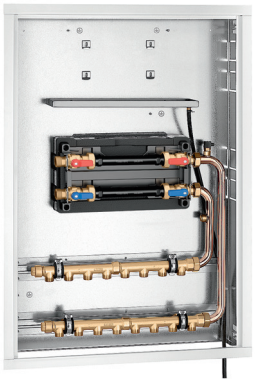
### 70028

Recessed box for PLURIMOD® and PLURIMOD® EASY user modules
Complete with:
- **pair of 662 series manifolds (2–8 connections) for fan-coil systems;**
- painted door for indoor use;
- technopolymer mounting bracket with thermal insulation;
- full insulation in PPE;
- 2 pairs of ball shut-off valves;
- 2 technopolymer flushing pipes (T max. 55 °C);
- 2 x 7000 series domestic water outlet positioning guides and condensation collection tank.

Reversible installation for CHS inlet on the left- (factory setup) or right-hand side.

Height: 866 mm
Width: 600 mm
Depth: 140–180 mm

| Code | Connection | Outlet connection |
|---|---|---|
| **70028**B | 3/4" M | 3/4" M - 2 outlets |
| **70028**C | 3/4" M | 3/4" M - 3 outlets |
| **70028**D | 3/4" M | 3/4" M - 4 outlets |
| **70028**E | 3/4" M | 3/4" M - 5 outlets |
| **70028**F | 3/4" M | 3/4" M - 6 outlets |
| **70028**G | 3/4" M | 3/4" M - 7 outlets |
| **70028**H | 3/4" M | 3/4" M - 8 outlets |



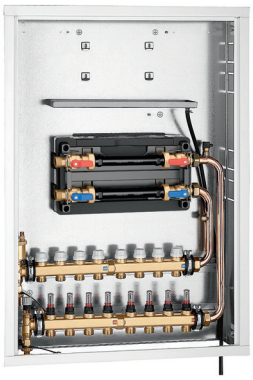
### 70029

Recessed box for PLURIMOD® and PLURIMOD® EASY user modules.
Complete with:
- **pair of 350 series manifolds (2–8 connections) for radiator systems**;
- painted door for indoor use;
- technopolymer mounting bracket with thermal insulation;
- full insulation in PPE;
- 2 pairs of ball shut-off valves;
- 2 technopolymer flushing pipes (T max. 55 °C);
- 2 x 7000 series domestic water outlet positioning guides and condensation collection tank.

Reversible installation for CHS inlet on the left- (factory setup) or right-hand side.

Height: 866 mm
Width: 600 mm
Depth: 140–180 mm

| Code | Connection | Outlet connection |
|---|---|---|
| **70029**B | 3/4" M | 23 p. 1,5 - 2 outlets |
| **70029**C | 3/4" M | 23 p. 1,5 - 3 outlets |
| **70029**D | 3/4" M | 23 p. 1,5 - 4 outlets |
| **70029**E | 3/4" M | 23 p. 1,5 - 5 outlets |
| **70029**F | 3/4" M | 23 p. 1,5 - 6 outlets |
| **70029**G | 3/4" M | 23 p. 1,5 - 7 outlets |
| **70029**H | 3/4" M | 23 p. 1,5 - 8 outlets |



### 70026

Recessed box for PLURIMOD® and PLURIMOD® EASY user modules
Complete with:
- **pair of 664 series manifolds (2–8 connections) for radiant panel systems**;
- painted door for indoor use;
- technopolymer mounting bracket with thermal insulation;
- full insulation in PPE;
- 2 pairs of ball shut-off valves;
- 2 technopolymer flushing pipes (T max. 55 °C);
- 2 x 7000 series domestic water outlet positioning guides and condensation collection tank.

Reversible installation for CHS inlet on the left- (factory setup) or right-hand side.

Height: 866 mm
Width: 600 mm
Depth: 140–180 mm

| Code | Connection | Outlet connection |
|---|---|---|
| **70026**B | 3/4" M | 3/4" M - 2 outlets |
| **70026**C | 3/4" M | 3/4" M - 3 outlets |
| **70026**D | 3/4" M | 3/4" M - 4 outlets |
| **70026**E | 3/4" M | 3/4" M - 5 outlets |
| **70026**F | 3/4" M | 3/4" M - 6 outlets |
| **70026**G | 3/4" M | 3/4" M - 7 outlets |
| **70026**H | 3/4" M | 3/4" M - 8 outlets |

## Finishing accessories - single user

### 7000

Recessed box with door painted for interiors.
5 positioning guides.

Height: 550 mm
Width: 550 mm
Depth: 120–150 mm

| Code |
|---|
| **7000**24 |

## Finishing accessories - multi-user

### 7000

Recessed box with door painted for interiors.
12 positioning guides.

Height: 1175 mm
Width: 550 mm
Depth: 140–180 mm

| Code |
|---|
| **7000**25 |

## 7000

Domestic water user outlet.
Complete with:
- ball shut-off valve with BALLSTOP check valve (inlet);
- volume meter;
- ball shut-off valve (outlet);
- technopolymer template for system flushing;
- securing bracket.

Medium: domestic water
Permanent flow rate (domestic water circuit) (Q3): 4,0 m³/h
Nominal pressure: PN 16

| Code | Connection | N.B. | Medium temperature range (°C) | Pulse weight |
|---|---|---|---|---|
| **7000**50 | 3/4" M | DHW | 30–90 | - |
| **7000**51 | 3/4" M | DHW | 30–90 | 10 l/pulse |
| **7000**52 | 3/4" M | DCW | 0–50 | - |
| **7000**53 | 3/4" M | DCW | 0–50 | 10 l/pulse |

## 7000

Domestic water user outlet.
**Can be used in conjunction with 7942 series meters with 3/4" connections.**
Complete with:
- ball shut-off valve with BALLSTOP check valve (inlet);
- ball shut-off valve (outlet);
- technopolymer template for system flushing;
- securing bracket.

Medium temperature range: 5–55 °C

| Code | Connection |
|---|---|
| **7000**09 | 3/4" M |

## SPECIFICATION SUMMARY

### Code 700815

Compact pre-assembled user module for heating and cooling systems(*).
Complete with: strainer cartridge with stainless steel mesh; fitting for installation of AUTOFLOW cartridge or headwork for static balancing of the flow rate; two-way ball zone valve; motor with auxiliary microswitch; CONTECA® EASY heat meter (electric supply 24 V AC) with turbine flow meter. Reversible installation for CHS inlet on the left- (factory setup) or right-hand side. Can be integrated with additional configuration options available to order as required (*). Medium temperature range: 3–90 °C. Electric supply 230 V AC. Nominal pressure: PN 10. Maximum recommended flow rate: 1600 l/h.

### Code 700816

Compact pre-assembled user module for heating and cooling systems(*).
Complete with: strainer cartridge with stainless steel mesh; fitting for installation of AUTOFLOW cartridge or headwork for static balancing of the flow rate; two-way ball zone valve; motor with auxiliary microswitch; CONTECA® EASY heat meter (electric supply 24 V AC) with turbine flow meter. Reversible installation for CHS inlet on the left- (factory setup) or right-hand side. Can be integrated with additional configuration options available to order as required (*). Medium temperature range: 3–90 °C. Electric supply 24 V AC. Nominal pressure: PN 10. Maximum recommended flow rate: 1600 l/h.

### Code 700815 001

Compact pre-assembled user module for heating and cooling systems.
Complete with: strainer cartridge with stainless steel mesh; fitting for installation of AUTOFLOW cartridge or headwork for static balancing of the flow rate; two-way ball zone valve; motor with auxiliary microswitch; copper template for heat meter. Reversible installation for CHS inlet on the left- (factory setup) or right-hand side. Medium temperature range: 3–90 °C. Electric supply 230 V AC. Nominal pressure: PN 10.

### Code 700816 001

Compact pre-assembled user module for heating and cooling systems.
Complete with: strainer cartridge with stainless steel mesh; fitting for installation of AUTOFLOW cartridge or headwork for static balancing of the flow rate; two-way ball zone valve; motor with auxiliary microswitch; copper template for heat meter. Reversible installation for CHS inlet on the left- (factory setup) or right-hand side. Medium temperature range: 3–90 °C. Electric supply 24 V AC. Nominal pressure: PN 10.

### Code 700815 007

Compact pre-assembled user module for heating and cooling systems(*).
Complete with: strainer cartridge with stainless steel mesh; fitting for installation of AUTOFLOW cartridge or headwork for static balancing of the flow rate; two-way ball zone valve; motor with auxiliary microswitch; CONTECA® EASY ULTRA heat meter (electric supply 24 V AC) with ultrasonic flow meter. Reversible installation for CHS inlet on the left- (factory setup) or right-hand side. Can be integrated with additional configuration options available to order as required (*). Medium temperature range: 3–90 °C. Electric supply 230 V AC. Nominal pressure: PN 10. Maximum recommended flow rate: 1800 l/h.

**Code 700816 007**
Compact pre-assembled user module for heating and cooling systems(*).
Complete with: strainer cartridge with stainless steel mesh; fitting for installation of AUTOFLOW cartridge or headwork for static balancing of the flow rate; two-way ball zone valve; motor with auxiliary microswitch; CONTECA® EASY ULTRA heat meter (electric supply 24 V AC) with ultrasonic flow meter. Reversible installation for CHS inlet on the left- (factory setup) or right-hand side. Can be integrated with additional configuration options available to order as required (*). Medium temperature range: 3–90 °C. Electric supply 24 V AC. Nominal pressure: PN 10. Maximum recommended flow rate: 1800 l/h.

**Code 700000**
Recessed box for PLURIMOD® and PLURIMOD® EASY user modules With insulation. Complete with: painted door for indoor use; technopolymer mounting bracket with thermal insulation; full insulation in PPE; 2 pairs of ball shut-off valves; 2 technopolymer flushing pipes (T max. 55 °C); 2 x 7000 series domestic water outlet positioning guides. Connection: G 3/4" A (ISO 228-1) M. Depth: 130–160 mm. Height: 480 mm. Width: 480 mm.

**Code 700000 002**
Template for PLURIMOD® and PLURIMOD® EASY user modules. With insulation. Complete with: technopolymer mounting bracket with thermal insulation; full insulation in PPE; 2 pairs of ball shut-off valves; 2 technopolymer flushing pipes (T max. 55 °C). Connection: G 3/4" A (ISO 228-1) M.

**Code 700000 003**
Wall mounting plate for PLURIMOD® and PLURIMOD® EASY user modules. With insulation. Complete with: technopolymer mounting bracket with thermal insulation; full insulation in PPE; 2 pairs of ball shut-off valves; 2 technopolymer flushing pipes (T max. 55 °C); 3 x 7000 series domestic water outlet positioning guides. Connection: G 3/4" A (ISO 228-1) M. Height: 610 mm. Width: 480 mm.

**Code 700801**
Headwork for static balancing of the flow rate. Can be installed on PLURIMOD and PLURIMOD ULTRA user modules.

**Code 700875 ...**
AUTOFLOW high-resistance polymer cartridge. Can be installed on PLURIMOD and PLURIMOD ULTRA user modules.

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