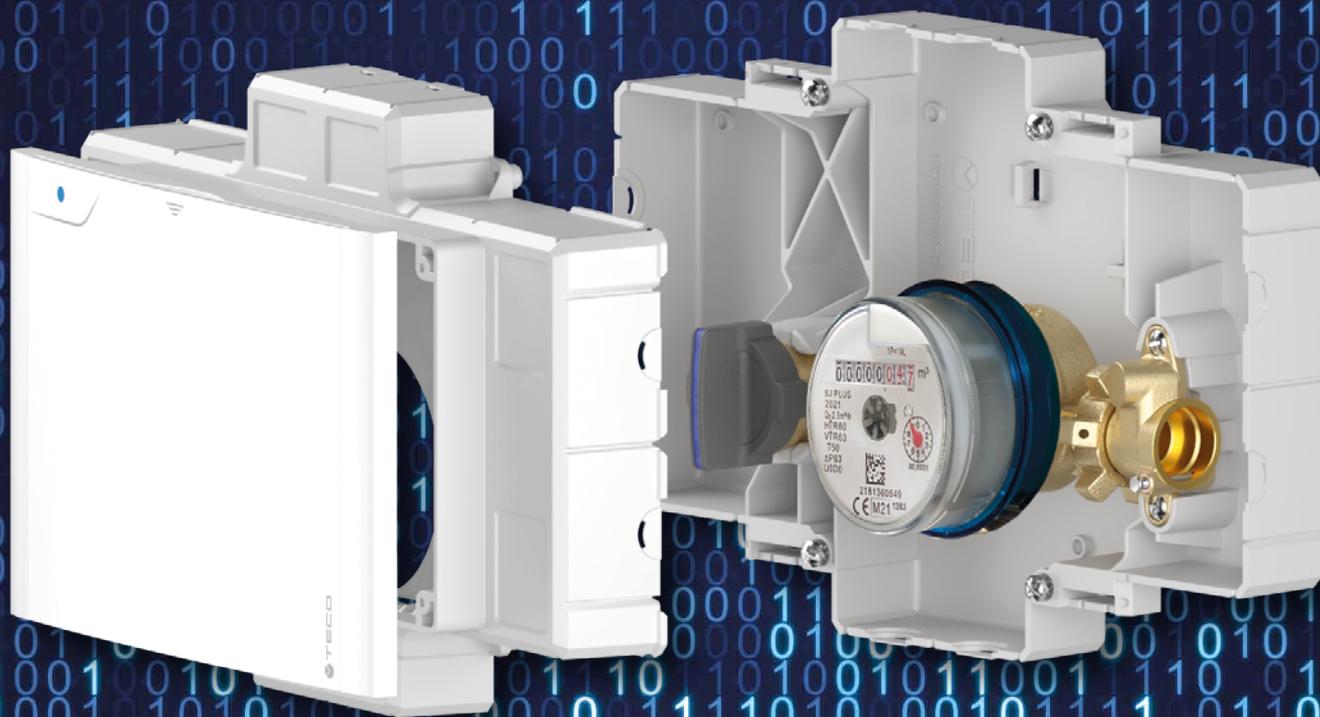


**KACC**  
EREADY

NEW

COMPACT FLUSH-MOUNTING METERING KIT  
FOR DOMESTIC WATER  
WITH OPTIONAL REMOTE CONTROL

# FLUSH MOUNTING THAT COUNTS





**K4CC**  
E-READY

SERIES  
**E100**  
ELECTRIC MOTOR



COMPACT FLUSH-MOUNTING METERING KIT  
FOR DOMESTIC WATER WITH OPTIONAL REMOTE CONTROL

## COMPACT, WITH OPTIONAL REMOTE CONTROL, INSTALL IT WHEREVER YOU WANT

Water is a precious commodity and a resource that must be conserved: access to drinking water is essential for individual and collective health. European policy decisions, translated into national standards, regulations and legislative measures, aim to ensure that adequate quantities of water are available in every household and production environment, with continuity of supply and sustainable costs.

To this end, in accordance with the precautionary principle, scientific criteria are defined and updated to ensure that water intended for human consumption is of suitable quality, i.e. that it can be safely consumed by every individual throughout their life.

In order to maintain the quality of drinking water up to the point where it becomes available for consumption while ensuring ease of installation and use, TECO continues to design and update its product range.

The **K4CC** flush-mounting domestic water metering kit is the latest addition:

- **INSTALL IT WHEREVER YOU WANT** because it is compact, and because it meets the technical requirements of recirculation and comfort in full compliance with current standards (UNI EN 806, UNI 9182:2014 and UNI 8065:2019).
- **IT IS EASY TO INSTALL AND MAINTAIN**, because it is pre-assembled in the box and has the fast, safe and flexible **Fastec®** connection system.
- **IT IS BEAUTIFUL AND ACCESSIBLE**, thanks to the flush-to-wall faceplate design.
- It can also be **REMOTEY CONTROLLED** with the addition of the **E100 Series** motor for opening and closing integrated into home automation systems.

**K4CC E-READY, FLUSH MOUNTING THAT COUNTS.**

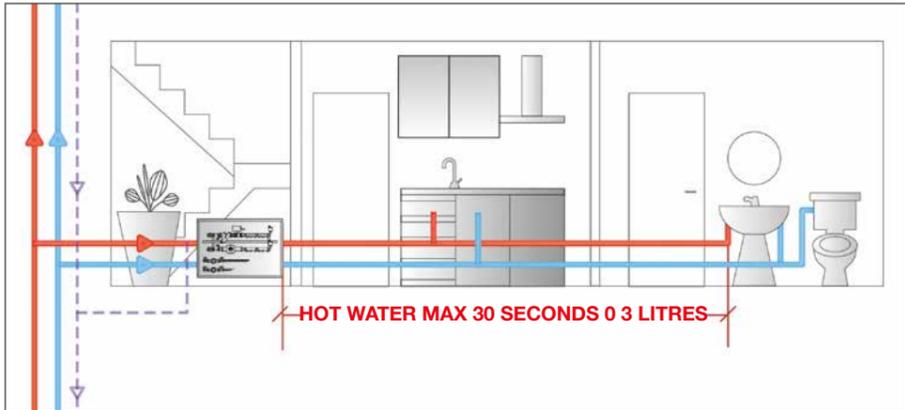
# INSTALL IT WHEREVER YOU WANT



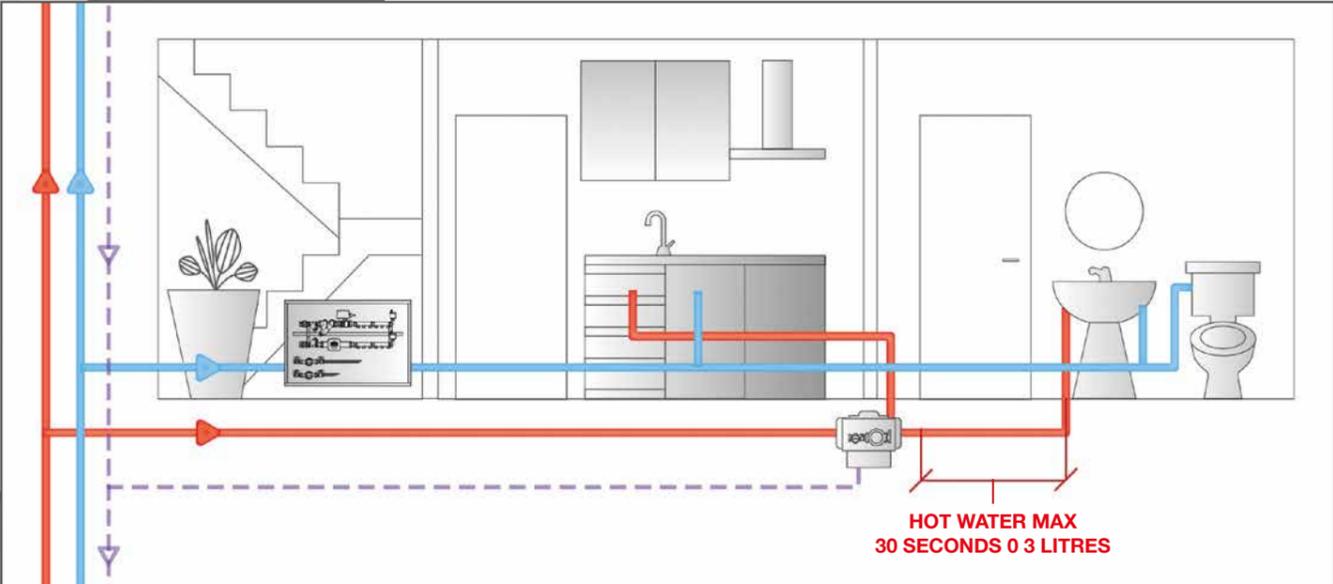
## METERING OF POST-RECIRCULATION DOMESTIC HOT WATER

(TO MEET THE REQUIREMENTS OF UNI 9182/2014)

### STANDARD SOLUTION



### THE SOLUTION BY TECO



# INSTALL IT WHEREVER YOU WANT

# HOT/COLD WATER METERING INSIDE THE FLAT

### OLD INSTALLATIONS

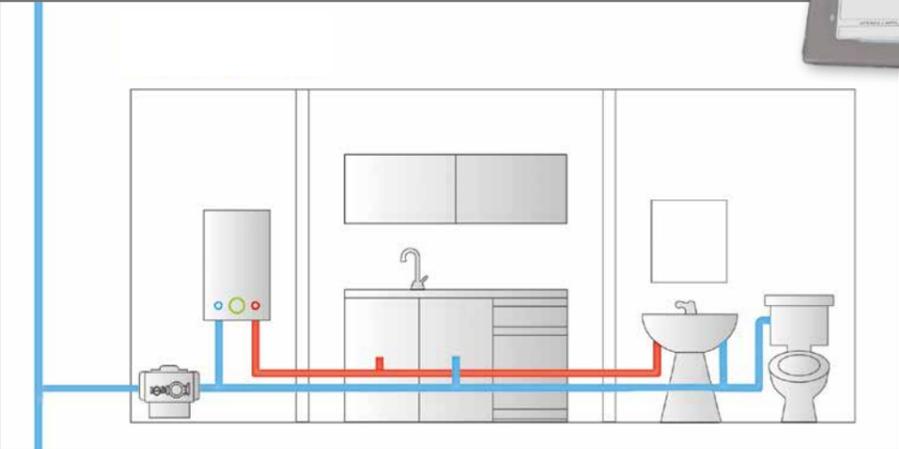
In the past, the meter was usually installed in the open, which was very bulky and often unattractive.



## THE SOLUTION BY TECO

### COMFORT, DESIGN AND CONVENIENCE

Thanks to its compact size, accessibility and elegant finish, the **K4CC** metering kit is the ideal accessory for **installing the meter anywhere in the home**, especially during renovation.



# THE FIRST COMPACT, FLUSH-MOUNTING SHUT-OFF KIT WITH OPTIONAL REMOTE CONTROL



## COMPACT FLUSH MOUNTING

Pre-assembled kit in a box with knock-out parts for quick installation.  
Depth: 85 to 100 mm

## FASTEC® THE FAST AND FLEXIBLE CONNECTION

The **Fastec®** connection system: simple, safe.

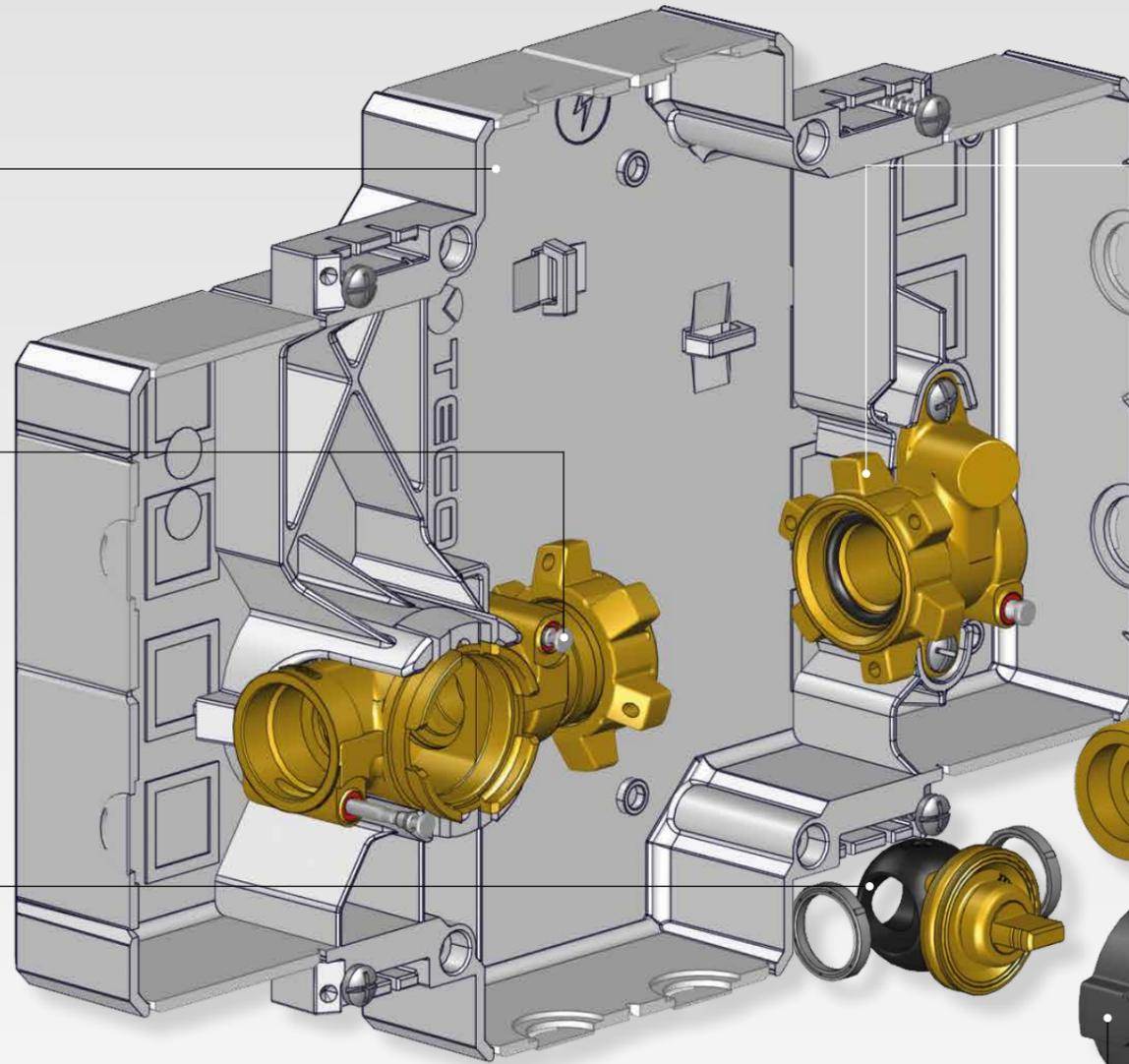
## TOP ENTRY

The shut-off unit guarantees a low operating torque, known as Soft Turn, and consistently high performance. The technopolymer ball is anti-jamming, resistant to abrasion by impurities and does not create water stagnation (DVGW W570). Fully serviceable valve.

**Top Entry full flow** with removable ball.

## ACCESSIBLE FLUSH MOUNTING

Flush-to-wall faceplates in a range of finishes.  
Design plate with magnetic closure.



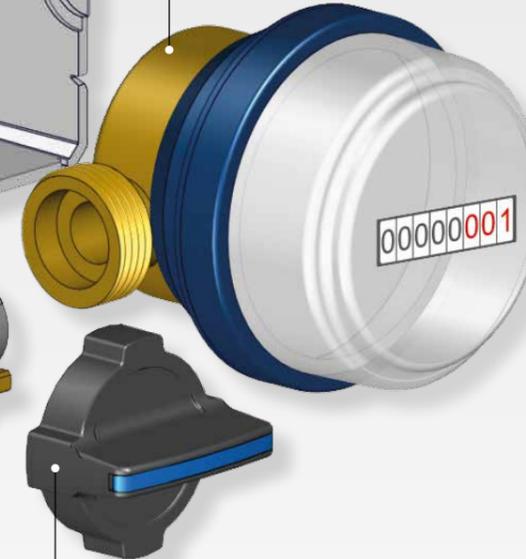
## 8 mm SPANNER

The patented connection allows installation and replacement of the water meter with an 8 mm spanner.



## SJ EVO METER

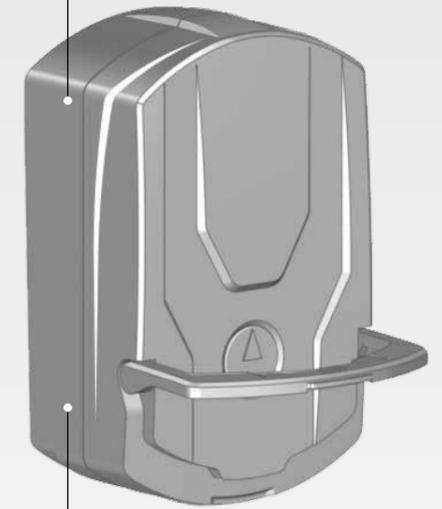
New generation residential meter for high metrological performance.



## SERIES E100

### COMPACT MOTOR

Compact, reliable motor with low energy consumption.



### MOTOR UPGRADE

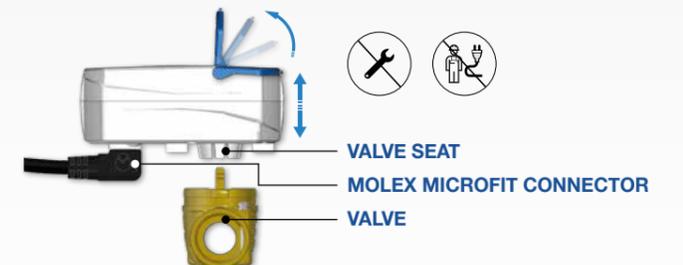
Option of transforming the kit from the manual version to the version with a remotely operated motor.



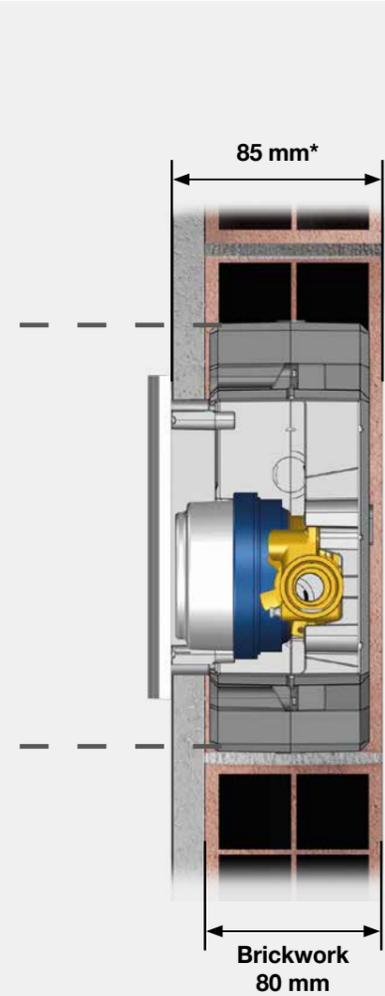
### E100 SERIES MOTOR, EASY TO INSTALL

Once the mains connection is set up and the Molex connector is plugged into the motor, it can be mounted by hand using the Snap-Fit connection.

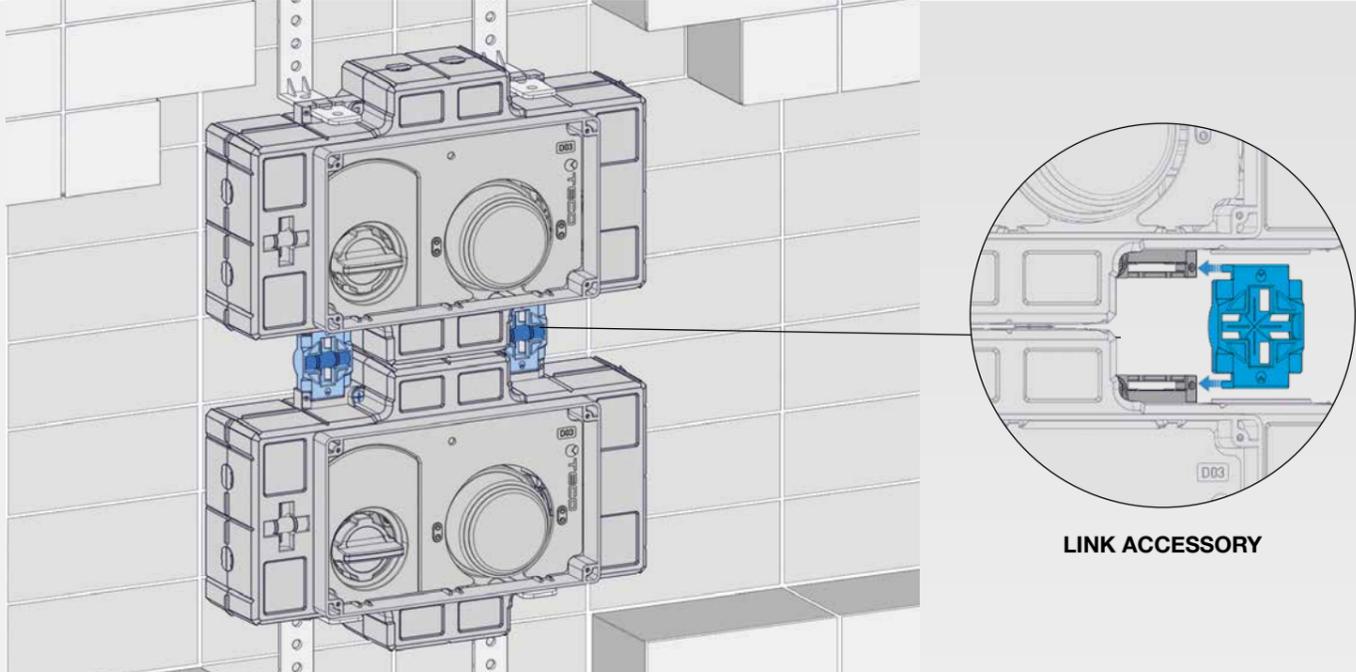
### SNAP-FIT ASSEMBLY/REMOVAL



# COMPACT FLUSH-MOUNTING



\* With the wireless module, the depth becomes 100 mm



### SMALL DIMENSIONS

The **K4CC** metering kit (also in the version with **E104** motor) is supplied pre-assembled in a box and can be installed in any type of wall.

### DUPLEX VERSION

If necessary, two **K4CC** metering kits can be connected quickly and easily. The **LINK** accessory ensures precise alignment of the water meter modules.

# PREPARE TODAY

## INSTALLATION

The pre-assembled box is equipped with knock-out parts, fixing brackets and a spirit level for quick and precise installation.  
The **K4CC** metering kit is always accessible.

Mounting instructions



## COMMUNICATION MODULES

The meter can be equipped with communication modules.

<p>EVO Radio Module 868 MHz LoRaWAN</p>  <p>LoRaWAN</p>	<p>EVO Radio Module 868 MHz wireless M-Bus</p>  <p>M-Bus</p>	<p>M-Bus EVO module</p>  <p>M-Bus</p>	<p>Pulse Evo module</p> 
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# CHOOSE TOMORROW

## DECIDE WHENEVER YOU WANT

With the corrugated pipe in the box, the choice to equip the **K4CC** with an **E100 Series** electric motor can be made at a later date. The **E104** is easily inserted and removed from its housing in a few simple steps.



# RAPID ACCESS FOR METER REPLACEMENT



## OPTIONAL REMOTE CONTROL WITH E104 MOTOR

The size and performance of the TECO **E104** motor is optimised for insertion in the pre-assembled box of the **K4CC** metering kit. It is an extremely compact, energy-efficient, quiet, reliable motor that exploits the **Top Entry** valve with anti-jamming technology.

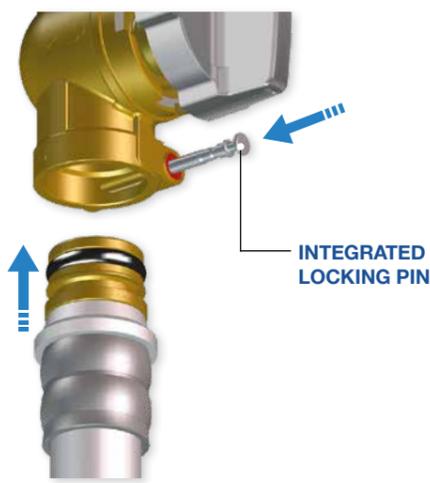
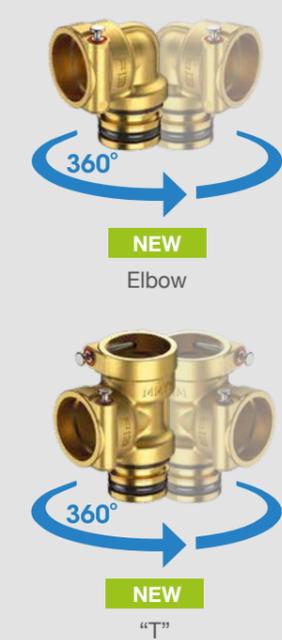
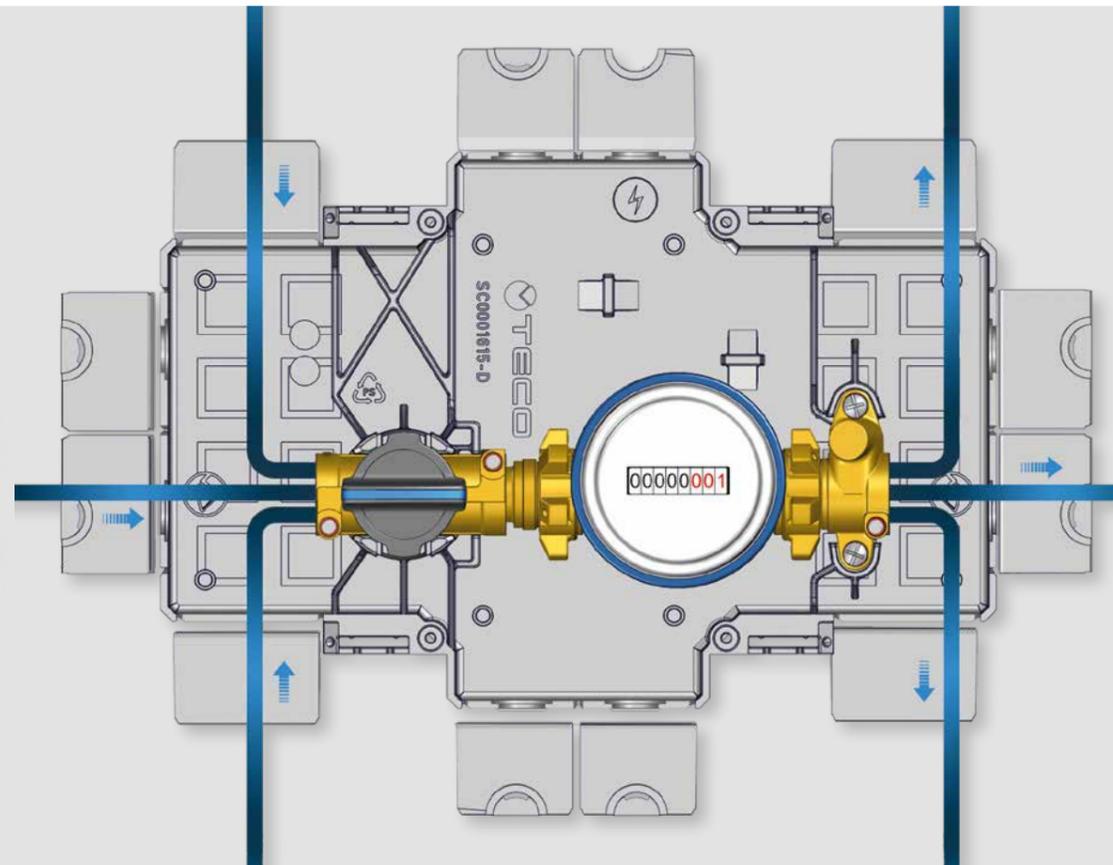
### APPLICATION: DOMESTIC

Code	Voltage	Description
E1045100	230V	230V motor, 20s SPST microswitch with closed signal
E1046100	24V	24V motor, 20s SPST microswitch with closed signal

59 mm  
95 mm  
72 mm

Compact size for safe, convenient and effective installation even in small spaces.

# FAST AND FLEXIBLE CONNECTION



## FASTEC® SIMPLE AND SAFE HYDRAULIC CONNECTION.

The **Fastec®** system has been designed by **TECO** with a locking pin and large-section O-ring to provide a reliable connection without tools and without the possibility of errors. **Fastec® has been the choice of the best system builders on the market for over 20 years.**



Fastec Store®

Fastec® is available in the **F13** size

Valve DN	Fastec® Connection	Pipe Diameter
15	F13	16, 20, 25, 26 mm, 1/2"

The F13 range of fittings covers pipe diameters from 16 mm to 26 mm, meeting every installation requirement from riser to specific utility.

## FASTEC® ACCESSORIES AND FITTINGS



# SUITABLE FOR EVERY ENVIRONMENT



## METERING THAT CAN BE DISCREET

The only element of the **K4CC** metering kit visible from the outside is the faceplate, which is elegant and available in different finishes so that it integrates perfectly with the style of any environment.



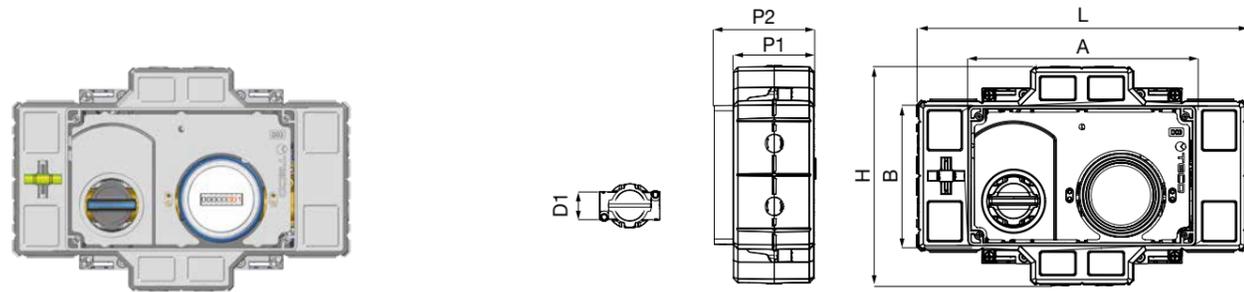
**NEW**

Faceplate with magnetic opening/closure



# PRODUCT RANGE

## K4CC E-READY WITH WATER METER COMPACT FLUSH-MOUNTING METERING KIT FOR DOMESTIC WATER WITH OPTIONAL REMOTE CONTROL



Code	DN	D1	L	H	P1	P2	A	B	Plate	Pack
<b>K4CCDF10100</b>	15	F13F	280	186	69	85.5	194	119	D03	1

### Includes:

Pre-assembled box, fixing brackets, site protection cover, spirit level

### Does not include:

Faceplate, fittings, motor and cable

### Features

- Compact flush-mounting metering kit for domestic water with optional remote control, pre-assembled in a serviceable sandwich box with knock-out parts.
- Valve with removable ball, brass body and Top Entry® system, conforms to the DIN EN 13828 standard, with "Soft Turn®" control.
- Flexible, fast and secure Fastec® connection.
- Closing and opening by operating the handle or via the optional **E104** motor.
- SJ EVO DN15 meter (with G 3/4" threaded connection) can be equipped with radio or cable communication modules (M-BUS or LoRaWan).
- Faceplate can be purchased separately, available in different finishes with magnetic closure.

### Applications

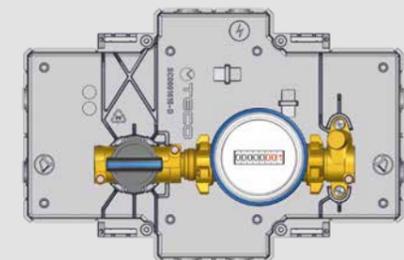
- For hot and cold drinking water
- Domestic water systems

### MATERIAL

Body	CW617N Brass
Box	PS
Top-Entry ball	Engineered polymer

### TECHNICAL DATA

Connections	FASTEC®
Working pressure	PN10 (10 bar)
Temperature	0 °C + 95 °C
Standard and certification	DIN EN 13828 - (KTW-W270) DVGW W 570-1



### Connection:



**FASTEC**

F13 - DN15  
Fitting range:  
16, 20, 25, 26 mm = 1/2"

### Item specifications:

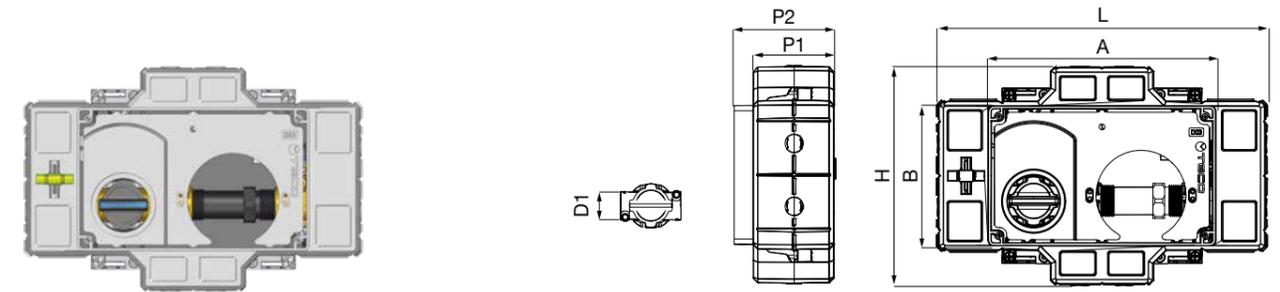
#### K4CC with meter - Compact flush-mounting metering kit for domestic water with optional remote control

Compact flush-mounting metering kit for domestic water with optional remote control, pre-assembled in a serviceable sandwich box with knock-out parts. Top Entry shut-off valve with Top Entry removable ball and full flow that complies with the DIN 13828 standard. Engineered polymer ball and "Soft Turn" anti-jamming seals. Fixing brackets, spirit level and site protection cover included. Closing and opening by operating the handle. Operating pin compatible with mounting the ON-OFF electric motor with auxiliary microswitch in the version with open signal or in the version with safety feedback when the valve is closed.

Single jet meter for residential use, DN15 for hot or cold water (Length = 80 mm): ideal for indoor divided domestic applications (sub-metering). MID certified (R max 160), compatible with optional reed switch or static pulse emitter.

It supports various installation positions and has high protection against external magnetic fields. It has a 360° rotatable clock and can be supplied with a radio or cable communication module. The fastening ring nuts for the meter connections are of a specific design to allow maintenance with a common 8mm spanner. Equipped with dedicated meter seals.

## K4CC E-READY WITHOUT WATER METER COMPACT FLUSH-MOUNTING METERING KIT FOR DOMESTIC WATER WITH OPTIONAL REMOTE CONTROL



Code	DN	D1	L	H	P1	P2	A	B	Plate	Pack
<b>K4CCDF10200</b>	15	F13F	280	186	69	85.5	194	119	D03	1

### Includes:

Pre-assembled box, fixing brackets, site protection cover, spirit level

### Does not include:

Faceplate, fittings, motor, cable and meter

### Features

- Compact flush-mounting metering kit for domestic water with optional remote control, pre-assembled in a serviceable sandwich box with knock-out parts.
- Valve with removable ball, brass body and Top Entry® system, conforms to the DIN EN 13828 standard, with "Soft Turn®" control.
- Flexible, fast and secure Fastec® connection.
- Closing and opening by operating the handle or via the optional **E104** motor.
- Faceplate can be purchased separately, available in different finishes with magnetic closure.

### Applications

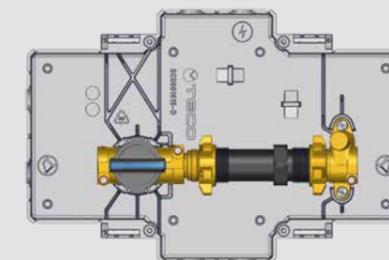
- For hot and cold drinking water
- Domestic water systems

### MATERIAL

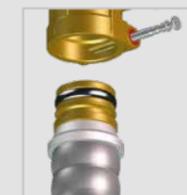
Body	CW617N Brass
Box	PS
Top-Entry ball	Engineered polymer

### TECHNICAL DATA

Connections	FASTEC®
Working pressure	PN10 (10 bar)
Temperature	0 °C + 95 °C
Standard and certification	DIN EN 13828 - (KTW-W270) DVGW W 570-1



### Connection:



**FASTEC**

F13 - DN15  
Fitting range:  
16, 20, 25, 26 mm = 1/2"

### Item specifications:

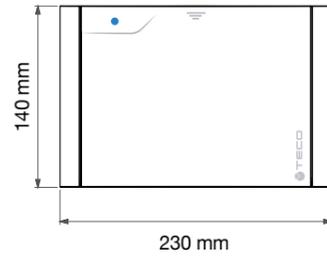
#### K4CC without meter - Compact flush-mounting metering kit for domestic water with optional remote control

Compact flush-mounting metering kit for domestic water with optional remote control, pre-assembled in a serviceable sandwich box with knock-out parts. Top Entry shut-off valve with Top Entry removable ball and full flow that complies with the DIN 13828 standard. Engineered polymer ball and "Soft Turn" anti-jamming seals. Fixing brackets, spirit level and site protection cover included.

Closing and opening by operating the handle. Operating pin compatible with mounting the ON-OFF electric motor with auxiliary microswitch in the version with open signal or in the version with safety feedback when the valve is closed.

With stub pipe (Length = 80 mm). The fastening ring nuts for the meter connections are of a specific design to allow maintenance with a common 8mm spanner. Equipped with dedicated DN20-3/4" seals for integration of a meter.

## FACEPLATE D03



Code	Finish	Pack
KPLD0301600	White	5
KPLD0301M00	Polished chrome	1
KPLD0301800	Silver	1
KPLD0301A00	Black Soft Touch	1

Includes fixing materials

## FASTEC® ADAPTERS

As shown on the previous pages, the **Fastec®** fittings can be found in the ranges of domestic and heating water system manufacturers



Image	Design	Code	Description	D1	D2	Pack
		RF12210100	Elbow fitting	F13M	F13F	10
		RF22220100	Elbow fitting	F14M	F14F	10
		RF12210200	Female elbow fitting	F13M	F13F	10
		RF22220200	Female elbow fitting	F14M	F14F	10
		RF12310100	"T" fitting	F13M	F13F	10
		RF22320100	"T" fitting	F14M	F14F	10
		RF12310200	Female "T" fitting	F13M	F13F	10
		RF22320200	Female "T" fitting	F14M	F14F	10
		KA00F10001	TWIN 1 fitting	F13M	F13F	10
		KA00K00003	1/2" male threaded fitting	F13M	F13F	10
		KA00K00009	3/4" male threaded fitting	F14M	F14F	10
		KA00K00004	3/4" Eurocono fitting	F13M	F13F	10
		KA00K00002	Plug	F13M	F13F	10
		KA00K00010	Plug	F14M	F14F	10

## COMMUNICATION MODULES

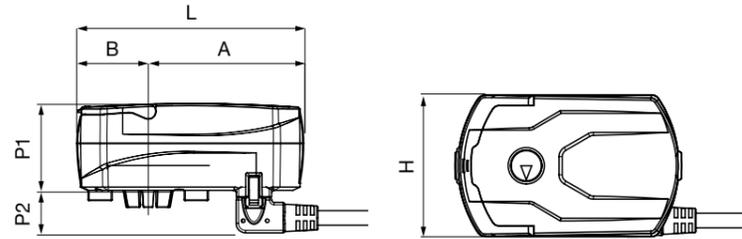
	Code	Description	Pack
	KA00CC0001	EVO 868 MHz LoRaWAN Radio Module	1
	KA00CC0002	EVO 868 MHz Wireless M-Bus Radio Module	1
	KA00CC0003	M-Bus EVO module	1
	KA00CC0004	Pulse Evo module	1

## ACCESSORIES AND SPARE PARTS

Image	Code	Description	DN	Pack
	KA00CC0005	SJ EVO meter G 3/4" L = 80mm	15	1
	KA00K40011	E4 handle kit	-	1
	KA00K00015	E4 modular handle extension kit 23mm modular extension + screws + faceplate extensions*	-	1
	KRTCE415000	E4 Teco Control spare parts kit	15	1
	KRPL0005	D03 250x160x20 mm Maintenance Frame**	-	1
	KA00CC0006	Link	-	5
	KA00CC0007	G 3/4" fitting - L = 80mm	20	5
	KRGUCC00000	Kit of 2 spare seals for meter connection	20	10

\* Several extension kits can be applied to the same valve

\*\* The maintenance frame is used when the box is installed incorrectly and protrudes from the wall



Appl.	Code	Voltage	Auxiliary microswitch	L	H	P1	P2	A	B	Pack
🚰	<b>E1045100</b>	230V	Switching when closed	95	59	36	18	65	30	1
	<b>E1046100</b>	24V	Switching when closed	95	59	36	18	65	30	1

**Includes:**

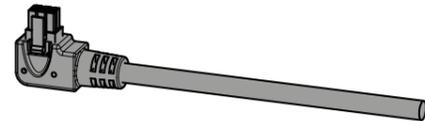
Cable (1 m)

**Features**

- Energy-efficient electric stepper motor.
- Four different models available to meet different needs during use (domestic or heating systems / connection to home automation system or switch operation).
- Fast assembly and disassembly thanks to the Snap-Fit coupling and Molex Microfit connector.

**Optional accessory**

Kit of 6P X 3M cable + CN. MICROFIT



Code	L	Pack
<b>KA00K00014</b>	3 m	1

**Applications**

- 🚰 Domestic water systems

**Safety**

IP rating 40 CEI EN 60529/1997

Insulation class Class II equipment according to IEC 61140 (double insulation without earth conductor)

**Operation**

Actuation time [s] 20

Auxiliary microswitch with 3-wire output (applications) Maximum current 6A @ 250Vac for resistive loads

6-pin power cable Length 1 M  
Connector Molex Micro-Fit JR 2x3

Operating temperature and humidity Environment -30-50 °C @ 95% non-condensing  
Fluid 65°C continuous with 90°C peaks respecting the ambient temperature constraints

Regulatory compliance EN 60730-1 Automatic electrical control devices for domestic use and similar

2014/30/EU EN 61000-6-4 Electromagnetic compatibility

**Wiring diagram**



**Item specifications:**

**E104 electric motor**

Compact, silent, low-consumption electric stepper motor with ON-OFF function and auxiliary microswitch in the version with open signal (heating), or the version with safety feedback when the valve is closed (domestic water).

Fast assembly and disassembly thanks to the Snap-fit connection and Microfit Molex connector.  
Ambient temperature -30/+50 °C





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 made in Italy since 1987

