

FLUSH-MOUNTING METER KIT WITH SHUT-OFF VALVES

K4CC

COMPACT
PRACTICAL TO INSTALL
"SOFT TURN" ANTI-JAMMING TECHNOLOGY
"TOP ENTRY" REMOVABLE BALL



K4CC "MONO"
With single water meter



K4CC "DUO"
With double meter and ≤ 100 electric actuator

APPLICATIONS

- For hot and cold drinking water.
- For measuring and monitoring submetering consumption.
- Suitable for installation in masonry and plasterboard constructions (minimum thickness 100 mm).

TECHNICAL DATA

Temperature	+5 °C ÷ +90 °C
Pressure	PN 10 (10 bar)
Connections	Fastec
	DIN EN 13828 W570-1
Reference standards	KTW-BWGL ACS PZH



FEATURES

- Flush-mounting metering kit with shut-off valves.
- DN15 "Top Entry" valve with full flow, removable ball and "Soft Turn" anti-jamming technology, even after long periods of inactivity without the need for periodic activation.
- Valve with optional ≤ 100 electric actuator.
- For volumetric meters, SJ EVO - Q_3 2.5 m³/h max.
- Pre-assembled in a serviceable sandwich box with knock-outs on all four sides.
- Design faceplate with magnetic closure, available in a range of finishes.
- Plumbing connection with FASTEC® quick coupling.
- Available with one or two pre-assembled volumetric meters, or alternatively with connection joint.
- Radio or cable communication modules (M-BUS or LoRaWan) available for remote metering.

K4CC FLUSH-MOUNTED METER KIT WITH SHUT-OFF VALVES



FIND OUT MORE

K4CC "MONO" flush-mounting metering kit with single volumetric meter



WITH OPTIONAL MOTOR

- Includes:**
 - 1 valve with removable ball and control lever for optional motor
 - Non-return valve in the outlet fitting**
 - Box 280 x 186 x 85 mm
 - Volumetric meter, SJ EVO - Q₃ 2.5 m³/h
 - Fixing brackets
 - Site protection cover
- Does not include:**
 - Cover flap **D03** (see below)
 - Fastec fittings (page 44)
 - €100 electric actuator (page 46)
 - Communication modules (page 47)

Kit code	DN	Connections	Meter	Pack
		FASTEC®		
K4CCDF10100	DN15	F13	SJ EVO - Q ₃ 2.5 m³/h - L. 80	5

See page 44

- i** • Optionally available with EVO M-Bus wireless radio meter module.
- Versions without non-return valve available on request.

K4CC "MONO" flush-mounting metering kit with joint



WITH OPTIONAL MOTOR

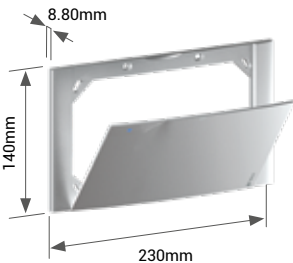
- Includes:**
 - 1 valve with removable ball and control lever for optional motor
 - Non-return valve in the outlet fitting**
 - Box 280 x 186 x 85 mm
 - Joint L. 80 mm
 - Fixing brackets
 - Site protection cover
- Does not include:**
 - Cover flap **D03** (see below)
 - Fastec fittings (page 44)
 - €100 electric actuator (page 46)

Kit code	DN	Connections	Joint	Pack
		FASTEC®		
K4CCDF10200	DN15	F13	Ø3/4" - L. 80 mm	5

See page 44

- i** Versions without non-return valve available on request.

D03 Faceplate with magnetic closure for K4CC "MONO"



Includes:

- Fixing screws

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

K4CC "DUO" flush-mounting metering kit with two volumetric meters



WITH OPTIONAL MOTOR

NEW

- Includes:**
 - 2 valves with removable ball and control knob for optional motor
 - Non-return valves in the outlet fittings**
 - Box 310 x 210 x 85 mm
 - 2 meters, SJ EVO - Q₃ 2.5 m³/h
 - Fixing brackets
 - Site protection cover
- Does not include:**
 - Cover flap **E03** (see below)
 - Fastec fittings (page 44)
 - €100 electric actuator (page 46)
 - Communication modules (page 47)

Kit code	DN	Connections	Meter (x2)	Pack
		FASTEC®		
K4CCDF10100	DN15	F13	SJ EVO - Q ₃ 2.5 m³/h - L. 80	5

See page 44

- i** • Optionally available with EVO M-Bus wireless radio meter module.
- Versions without non-return valve available on request.

K4CC "DUO" flush-mounting metering kit with joints



WITH OPTIONAL MOTOR

NEW

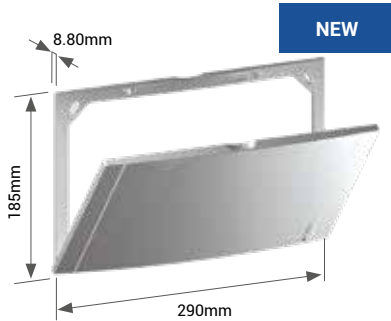
- Includes:**
 - 2 valves with removable ball and control knob for optional motor
 - Non-return valves in the outlet fittings**
 - Box 310 x 210 x 85 mm
 - Joints L. 80/110 mm
 - Fixing brackets
 - Site protection cover
- Does not include:**
 - Cover flap **E03** (see below)
 - Fastec fittings (page 44)
 - €100 electric actuator (page 46)

Kit code	DN	Connections	Joint (x2)	Pack
		FASTEC®		
K4CCDF10200	DN15	F13	Ø3/4" - L. 80 mm	5
K4CCDF10300	DN15	F13	Ø3/4" - L. 110 mm	5

See page 44

- i** Versions without non-return valve available on request.

E03 Faceplate with magnetic closure for K4CC "DUO"



NEW

Includes:

- Fixing screws



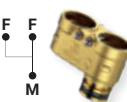

Code		Finish	Pack
KPLE0301600		White	5
KPLE0301M00		Polished chrome	1
KPLE0301800		Silver	1
KPLE0301A00		Black Soft Touch	1

FASTEC ADAPTERS AND FITTINGS
FOR K4CC FLUSH-MOUNTED METER KIT WITH SHUT-OFF VALVES







Fastec adapters and fittings for K4CC “MONO” and K4CC “DUO”

Fastec Fittings







	Code	Description	Pack
	RF12210100	F13 90° M / F	10
	RF12310100	F13 T M / F / F	5
	KA00F10001	Dual joint Twin F13 F / F / M	5
	KA00K00002	F13 Plug M	20

Threaded fittings


















	Code	Description	Pack
	KA00K00003	F13 M x R 1/2"	10
	KA00K00013	F13 M x R 3/4"	10
	RF12101000	F13 M x Rp 1/2"	10
	RF12111000	F13 M x Rp 3/4"	10
	RF122F0100	F13 M 90° x R 1/2"	10
	RF122F0200	F13 M 90° x Rp 1/2"	10

R (male) and Rp (female) threaded connections in accordance with EN 10226-1 and G threaded connections in accordance with ISO 228-1.







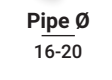


Fittings for PEX pipes

	Code	Pipe Ø x Thickness	Pack
	RF12100100	F13 M 16 x 1.8	10
	RF12100200	F13 M 20 x 1.5	10
	RF12100300	F13 M 25 x 2.3	5
	RF13M1210301	F13 M 12 x 1.1	10
	RF13M1610301	F13 M 16 x 1.5	10
	RF13M2010301	F13 M 20 x 1.9	10
	RF13M1210401	F13 M 12 x 1.1	10
	RF13M1610401	F13 M 16 x 1.5	10
	RF13M2010401	F13 M 20 x 1.9	10

Fittings for multi-layer pipes

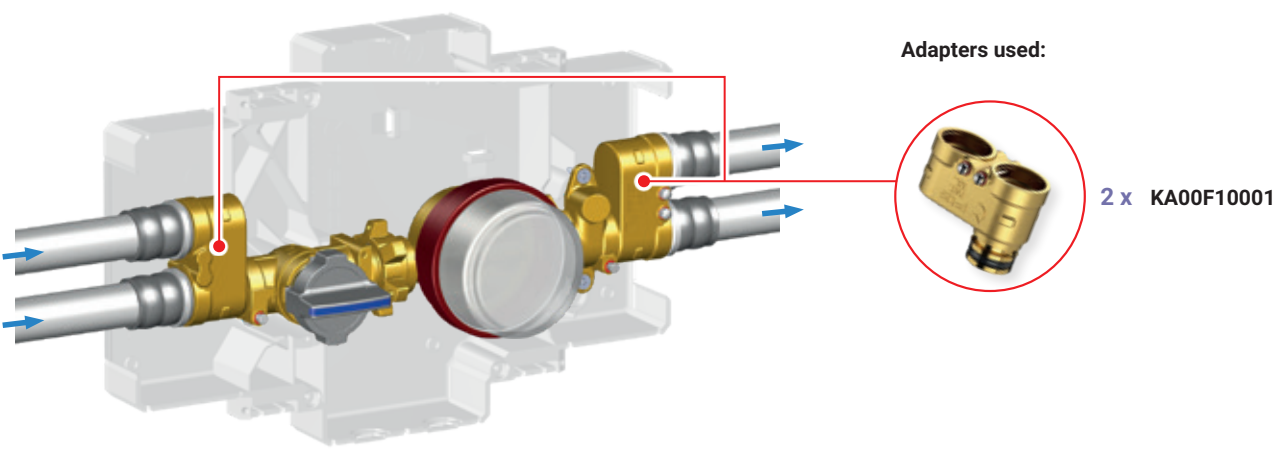
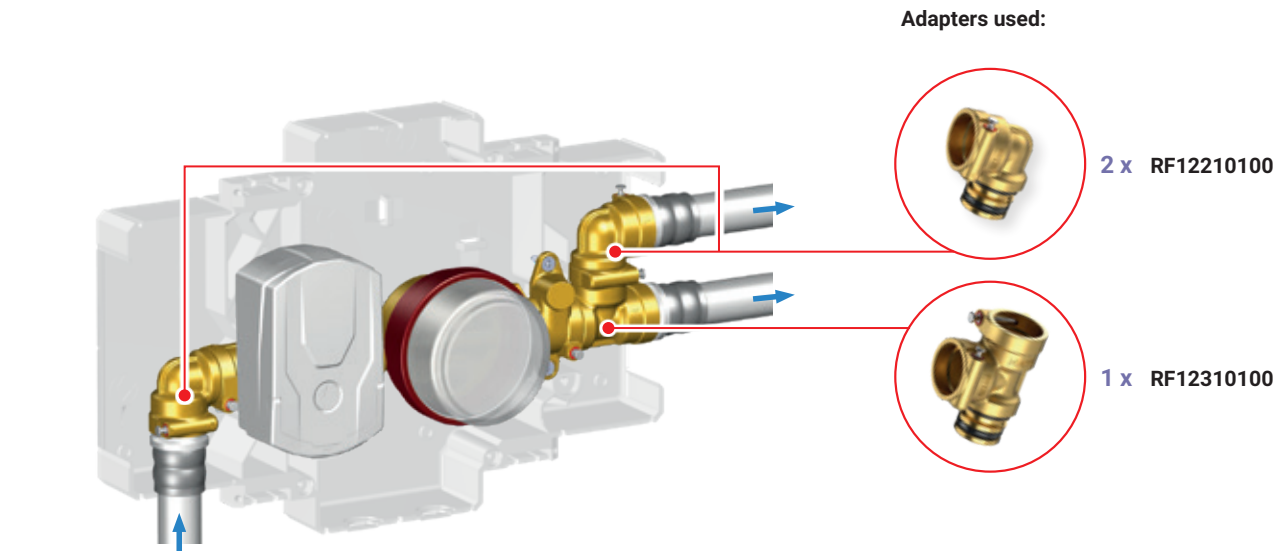
	Code	Pipe Ø x Thickness	Pack
	RF13M16101VA	F13 M 16 x 2.0	10
	RF13M16102VA	F13 M 16 x 2.25	10
	RF13M20101VA	F13 M 20 x 2.0	10
	RF13M20102VA	F13 M 20 x 2.5	10
	RF13M26101VA	F13 M 26 x 3.0	5
	511115MP	F13 M 16 x 2.0	5
	511116MP	F13 M 16 x 2.25	5
	511118MP	F13 M 20 x 2.0	5
	511119MP	F13 M 20 x 2.25	5
	511120MP	F13 M 20 x 2.5	5
	511121MP	F13 M 25 x 2.5	5
	511122MP	F13 M 26 x 3.0	5
	1651039	F13 M 16 x 2.0	10
	1651040	F13 M 20 x 2.0	10
	1651041	F13 M 26 x 3.0	5
	39342	F13 M 16 x 2.0	10
	39344	F13 M 20 x 2.0	10

F13 Fittings with FASTEC connection available in manufacturers' catalogues

		
COMISA PRESS	HENCO	APE racorderie
Pipe Ø 16-20	Pipe Ø 16-20-26	Pipe Ø 16-20-26
		
+GF+ ALUPEX EXPRESS	JRG SANIPEX MT	TECE LOGO
Pipe Ø 16-20	Pipe Ø 16-20	Pipe Ø 20
		
+GF+ ALUPEX EXPRESS	JRG SANIPEX MT	TECE FLEX
Pipe Ø 16-20	Pipe Ø 16-20	Pipe Ø 16-20-25

Fastec application examples

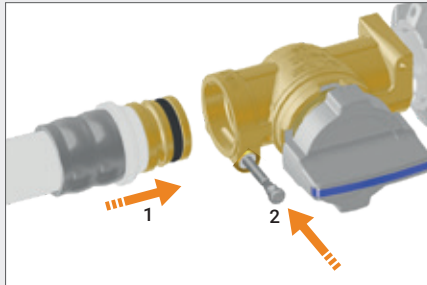
Compositions that can be made with products from the Fastec range: **adapters** and **fittings for multi-layer pipe** (see opposite page).



FASTEC®
THE FAST AND SECURE PLUMBING CONNECTION

Plumbing connection with pin locking (page 6).

F13 DN 15 Equivalent to 1/2"



1. Insert the fitting with the pin raised.
2. Lower the locking pin to complete the connection.

€100 ON/OFF electric actuator

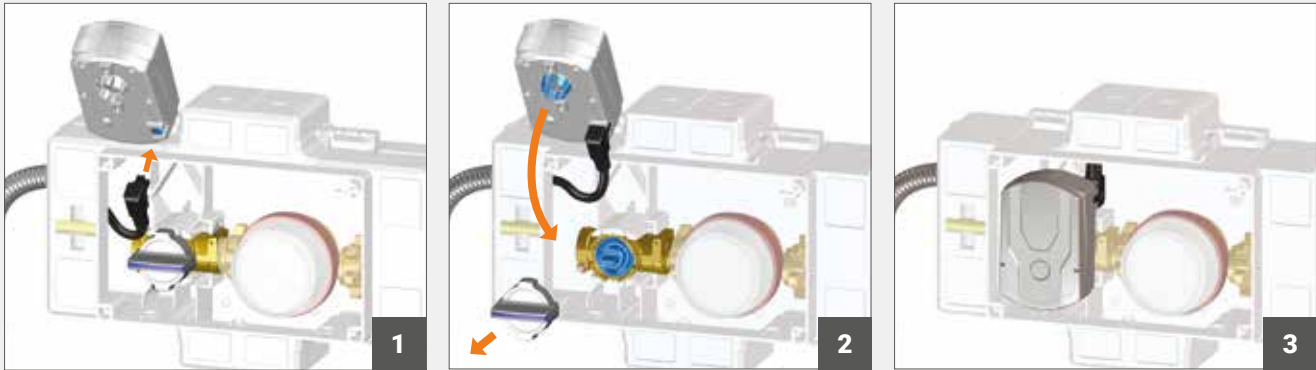


- Includes:
- €100 ON/OFF electric actuator
 - 1.25 m cable with Molex Micro-Fit connector

Code	Voltage	Auxiliary microswitch position	Pack
E1045100	AC 110 ÷ 230 V 50-60 Hz	With valve closed	1
E1046100	AC/DC 24 V 50-60 Hz		

INSTALLATION EXAMPLE OF €100 ELECTRIC ACTUATOR

Once the electrical connection has been made, the valve can be motorised using the €100 electric actuator, optimised by TECO in terms of size, low consumption and quietness.



- 1
Insert the cable provided with the connector into the €100 electric actuator.
- 2
Remove the handle and insert the €100 electric actuator into the valve seat with light pressure.
- 3
€100 electric actuator installed and ready to operate.

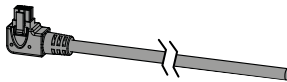
 See page 96



ACCESSORIES

FOR K4CC FLUSH-MOUNTED METER KIT WITH SHUT-OFF VALVES

Optional 3 metre cable for €100 electric actuator



Code	Description	Pack
KA00K00014	Kit of 6P X 3M cable + Micro-Fit connector	1

Communication modules for remote meter reading

The **volumetric meter** can be equipped with communication modules for remote metering.



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

Volumetric meter



Code	Description	DN.	Pack
KA00CC0005	SJ EVO meter - Q ₃ 2.5 m³/h - L. 80 mm - G 3/4" Suitable for operation with hot and cold water	15	1

Spare parts for K4CC "MONO" and K4CC "DUO"

See page 166, or visit the website for all product information.

