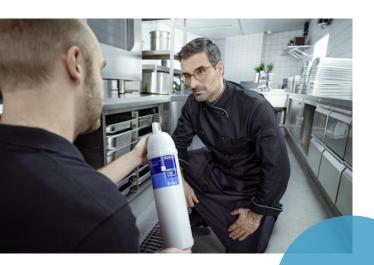


#### **Product Concept**

Service efficiency is one of the key levers for **keeping my business profitable**. In daily operation I struggle to ensure each filter in the field is changed in time as I **don't have a good overview** of the actual lifetime of filters in the field. With regular flow meters I need to be on site to read the remaining capacity, which I do very seldom in practice.

The BRITA iQ Meter helps you monitor your full filter portfolio from behind your desk, so you can efficiently and punctually plan filter replacements to ensure optimal service efficiency.



The BRITA iQ Meter lets you plan filter replacements based on actual filter lifetime by:

- reliably measuring water consumption with BRITA flow sensors;
- transmission of data to the BRITA iQ Portal;
- seamless integration of your system in the BRITA iQ Portal;
- being compatible with all PURITY and PURITY C filters.







#### BRITA iQ Meter is:

- Battery powered
- Connected via plug n play LTE connection
- Compatible with existing BRITA flow sensors 10-100 and 100-700
- Compatible with all BRITA PURITY and PURITY C systems
- Fully integrated in the BRITA iQ Portal



#### BRITA iQ Meter integrates any BRITA PURITY (C) system in the iQ Portal



#### **RETROFIT**

Compatible with existing flow sensors







integration into the iQ Portal



BRITA iQ Meter



UNIVERSAL
Compatible with
PURITY and PURITY C

#### **API AVAILABLE\***

Import data into your own dashboard.





**BATTERY POWERED** 

Up to 5 years battery lifetime





#### **COMMUNICATION UNIT**

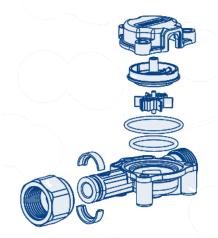
- Receives pulses registered by the measuring unit
- Can be connected to already installed measuring units from BRITA FlowMeter
- Registers core data and transmits to the iQ Platform
- LTE modem for plug & play NBIOT and LTE-M connection
- Built-in antenna
- Battery powered
- 2 Buttons for battery and connection status
- LED for battery and connection status
- No filter status on device





- Existing measuring units from BRITA FlowMeter (no changes / identical parts)
- 2 sizes available:
  - 10-100L
  - 100-700L
  - Produces pulses with integrated impeller









2 buttons on communication unit



#### **Battery button**

**Short press:**Battery status



#### **Connection button**

Short press:

Connection status

Long press (> 3 sec.):

Force cloud connection



#### LED SIGNALS





Connection status (short button press)

Green (blinking) active connection

Green-Yellow (blinking) establishing connection

Red (blinking) connection failed







Battery status (short button press)

**Green (blinking)**battery lifetime > 12 months

Yellow (blinking) battery lifetime 3 - 12 months

Red (blinking)
battery lifetime < 3 months

## Easy to replace battery with up to 5 years lifetime

- 3.6V Lithium AA replaceable battery
- Estimated lifetime 3-5 years\*
- Non-rechargeable
- AA-Size
- NOT compatible with standard 1.5V AA batteries
- Secure, easy-to-insert battery compartment
- Available as spare part

Batter	/ specific	cation

Type:	Lithium AA battery (e.g. Fanso ER14505M)
Size:	AA
Voltage:	3.6V
Capacity:	2,100 mAh
BRITA article nr.	t.b.d.

• Final validation pending. High usage intensity, low temperatures and poor network reception may recduce battery lifetime







Plug & Play connection for ultimate convenience

- Plug&Play mobile connection
- NB-IOT and LTE-M for optimal reception within buildings
- Activated automatically when powering on
- Dataplan included, no additional subscription needed
- No manual connection to WIFI networks needed





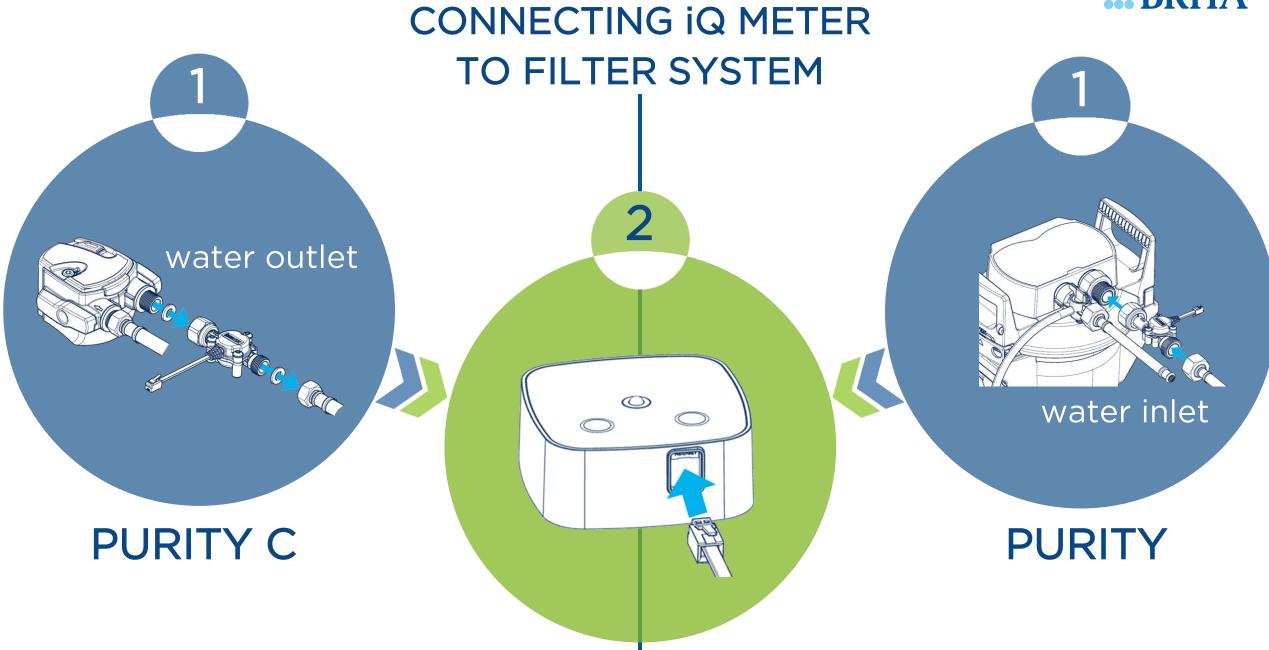
iQ Meter and the iQ Portal support all PURITY and PURITY C ranges

An intuitive configuration wizard supports our customers setting up the system correctly in the iQ Portal.



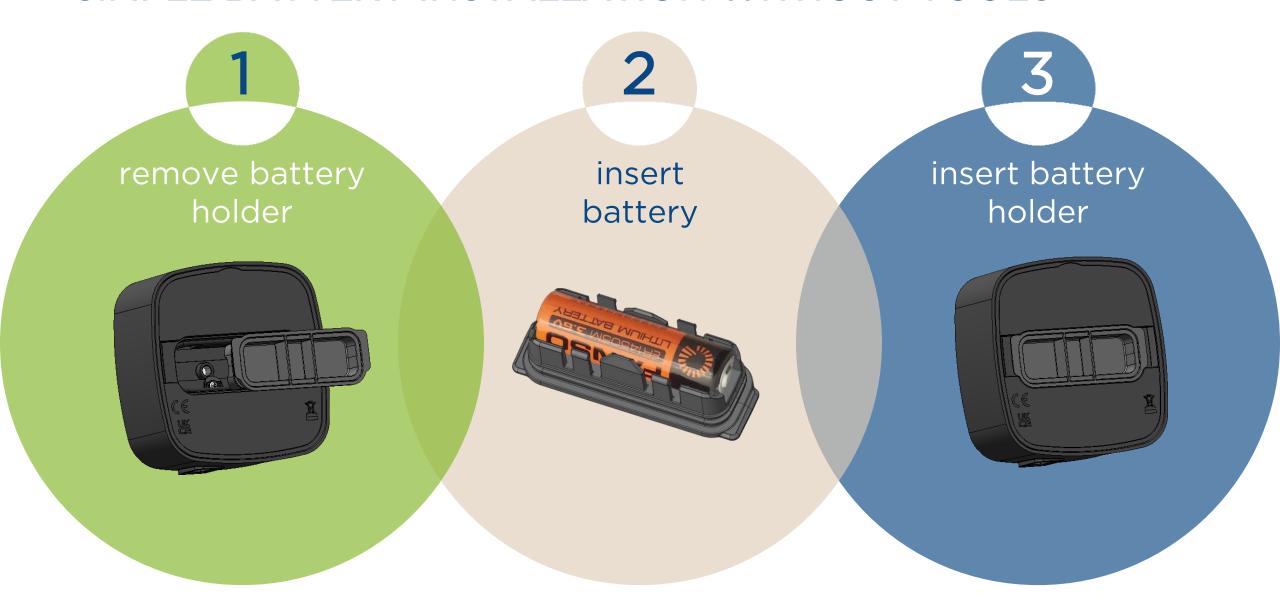




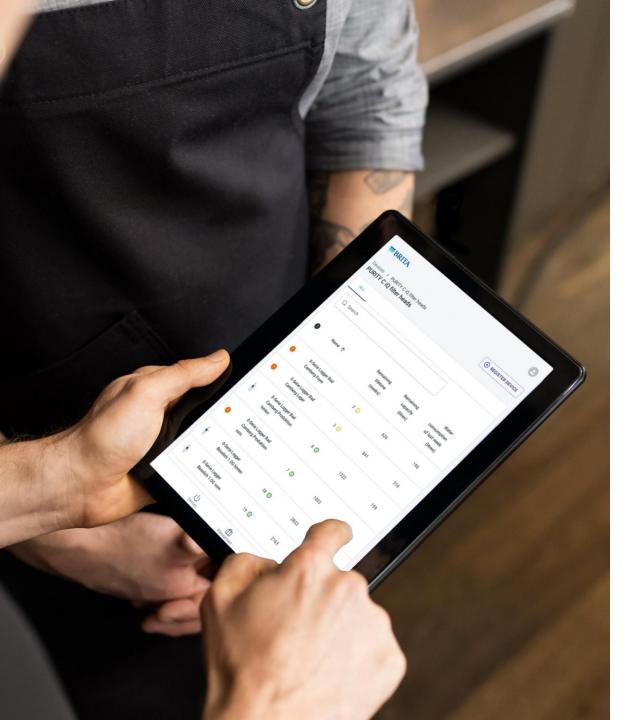




#### SIMPLE BATTERY INSTALLATION WITHOUT TOOLS









## Seamless integration of iQ Meter in the iQ Portal

The iQ Meter will be integrated seamlessly in the existing iQ Portal:

- There will be one device list containing all connected filter systems, iQ Meter and PURITY C iQ, so that the customer can manage all systems from a central overview.
- An easy-to-recognise indicator will show whether a system is iQ Meter or PURITY C iQ.
- The System detail page will look similar for iQ Meter and PURITY C iQ, so that the customer will intuitively know where to find what information.
- iQ Meter systems and PURITY C iQ systems can be registered to the same organisation, making permission management as easy as possible.
- The device registration process will be identical to the current registration for PURITY C iQ.

The UI design concept for the different pages is still under construction. The following slides give an impression of how the pages will look. We will share updates as we progress.

#### User flow of iQ Meter in the iQ Portal



#### 1. Registration

iQ Meters are registered in the same way as PURITY C iQ systems. At the end of the registration process the user can go directly to the configuration of the registered iQ Meter.



#### 2. Configuration

As the system can't recognize which filter system is installed, a configuration in the iQ Portal is required. An intuitive wizard guides the user through the configuration. Based on the configuration the iQ Platform determines the starting capacity of the filter.

#### 4. Device management

To manage single systems, a similar detail page to the current PURITY C iQ page will be available for iQ Meter systems. Here, customers can see detailed information on their systems, change the configuration and register filter exchanges.

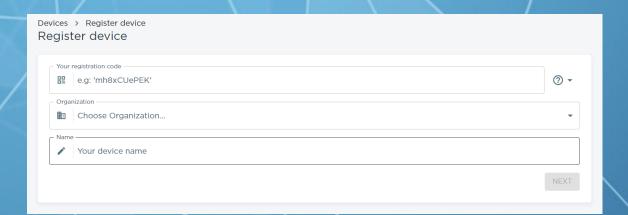


#### 3. Monitoring

To monitor the lifetime and capacity of the customer's filter portfolio, iQ Meters will be added to the existing device list in the iQ Portal. In this way, if a customer has both PURITY C iQ and iQ Meter systems, filter exchanges can be monitored from one list.



# SAME REGISTRATION PROCESS AS FOR PURITY C iQ



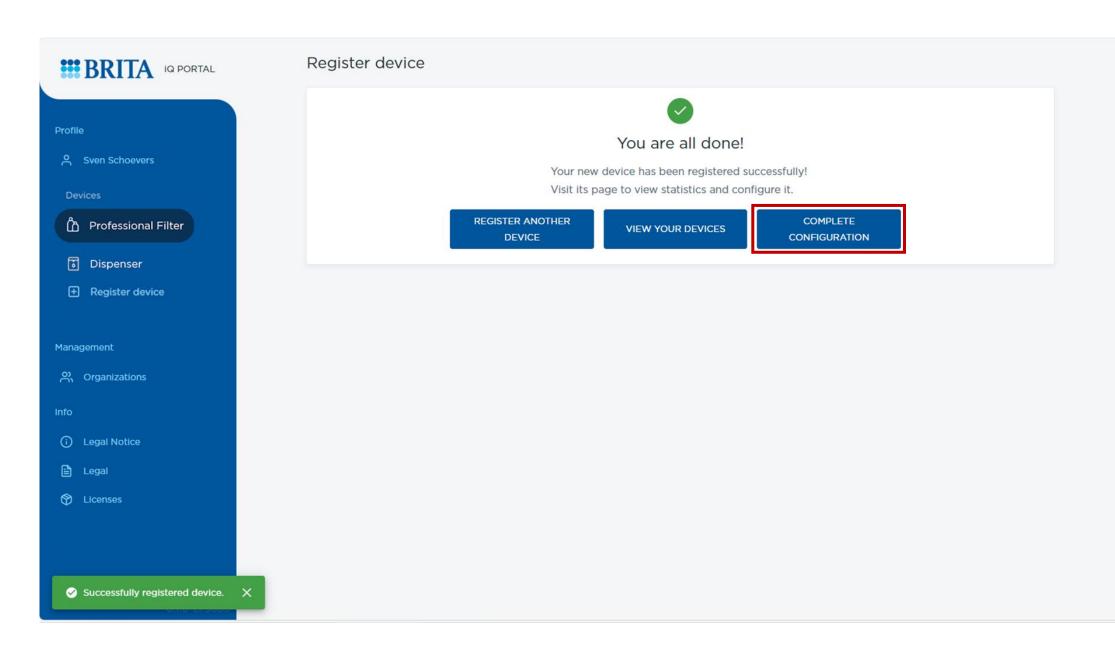


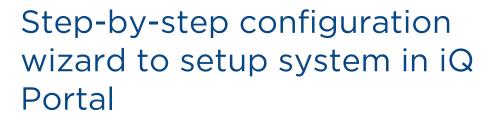
iQ Meters follow the same registration process as for PURITY C iQ:

- 1. Devices have a unique registration code
- The code is entered in the iQ Portal on the registration page.
- 3. Alternatively, a QR code on the device can be scanned. This takes you directly to the registration page with the code filled in.
- 4. An organisation is selected to which the iQ Meter shall be registered.
- 5. The system is given a name by the user.
- 6. Systems can only be registered to one organisation

After registration, the user is offered the option of going directly to the configuration of the system.







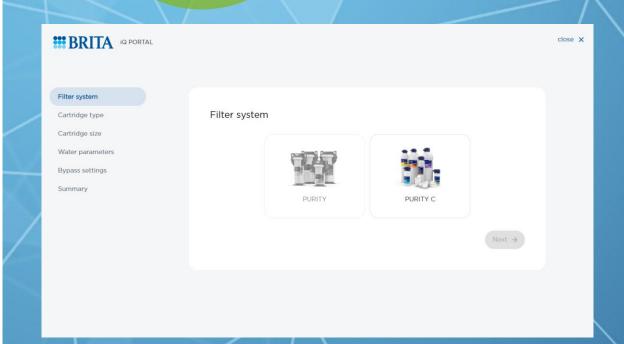
For the iQ Portal to be able to display the correct iQ Meter information, an online configuration process is required in which the user enters:

- The installed filter system (PURITY or PURITY C)
- The installed filter type (Quell ST, Finest, ...)
- The installed filter size
- The required water parameters for the filter type (e.g. carbonate hardness for Quell ST, total hardness for Finest)
- The bypass setting applied by the technician
- Info if a central softener is installed before the filter system
- The cartridge installation date

The correct (remaining) capacity and lifetime are calculated based on this



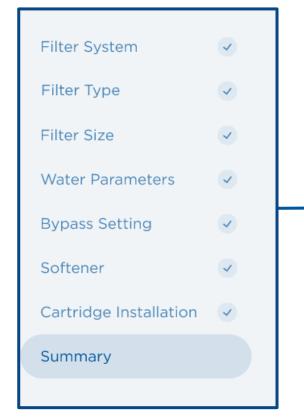
configuration takes less than 2 minutes

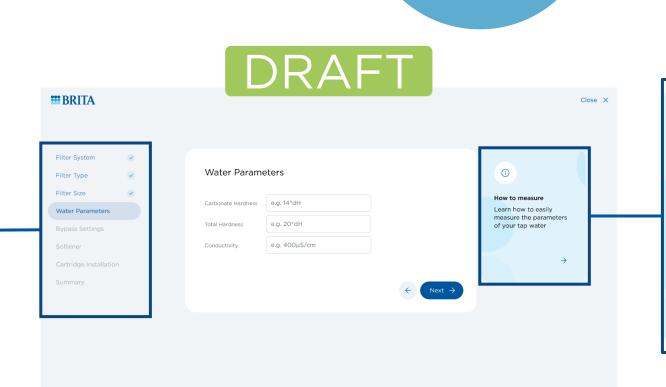




# Step-by-step configuration wizard to setup system in iQ Portal

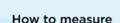
#### Configuration steps





CONFIGURATION

Help / additional information



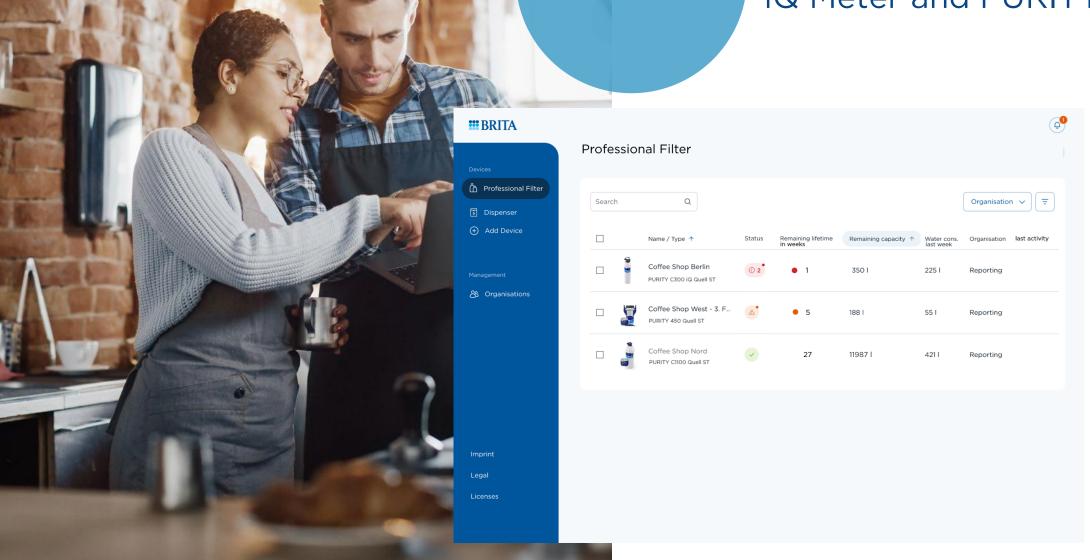
(1)

Learn how to easily measure the parameters of your tap water



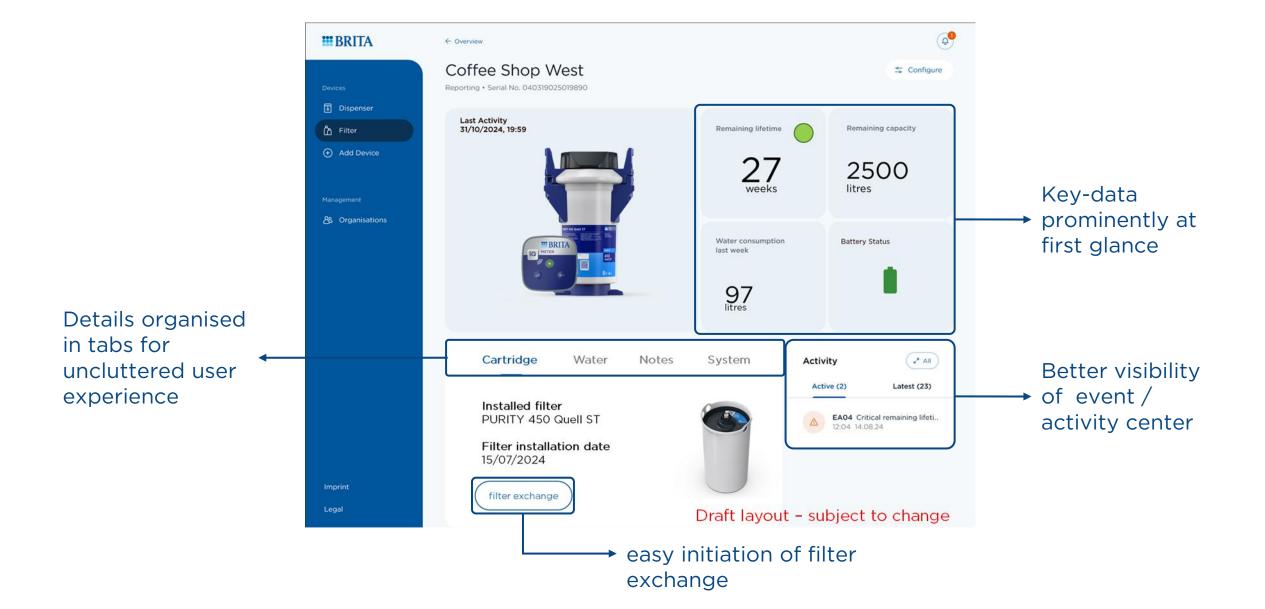


## One device list with iQ Meter and PURITY C iQ



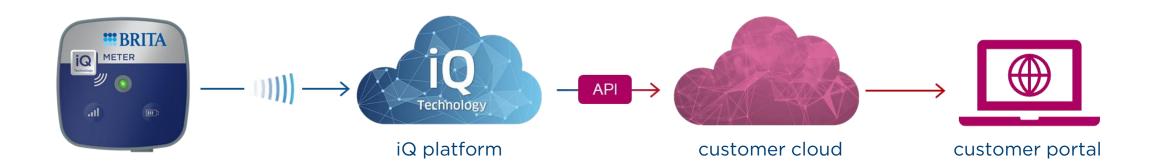


#### iQ Meter device management - New detail page layout





## PUBLIC API FUNCTIONALITY WILL BE ADDED FOR IQ METER DATA Q3/Q4 2025





SPECS		
Technische Daten / Technical data / Caractérstiques techniques / Dati tecnici / Datos técnicos	iQ Meter 10-100	iQ Meter 100-700
Kommunikationseinheit / communication Unit /	80 x 80 :	x 32 mm
Sensor / Sensor / Capteur / Sensore / Sensor	80 x 50 x 26 mm	97 x 50 x 33 mm
Einbaulage / orientation / position de montage / posizione di montaggio / orientación	horizontal / horizontale / orizzontale / horizontal	
Durchflussbereich / flow range / débit / portata / caudal	10 - 100 l/h	100 - 700 l/h
Abweichung / deviation / variation de débit / deviazone di flusso / desviación	+/- m	ax. 5%
Betriebsdruck / operating pressure / pression de fonctionnement / pressione di esercizio / presión de funcionamiento	max. 8,6 bar	
Druckverlust / pressure loss / perte de pression / perdita di pressione / pérdida de presión	@ 100 l/h: ca. 0,3 bar	@ 700 l/h: ca. 1,1 bar
Eingangstemperatur Trinkwasser / intake temperature drinking water/ température d'entrée de l'eau potable / temperatura all'ingresso dell'acqua potabile / temperatura de entrada del agua potable	4 - 30 °C	
Eingangstemperatur nicht Trinkwasser / intake temperature not drinking water/ température d'entrée de l'eau non potable / temperatura all'ingresso dell'acqua non potable / temperatura de entrada del agua no potable	-	4 - 60 °C
Umgebungstemperatur / ambient temperature / température ambiante / temperatura ambiente / temperatura ambiente	4 - 40°C	0 - 60°C
Batterie / battery / pile / batteria / batería	3.6V Lithium AA battery (e.g. Fanso ER14505M)	
Schutzart Kommunikationseinheit / degree of protection communication unit	IPX4	
Schutzart Sensor / degree of protection sensor / indice de protection du capteur / tipo di protezione sensore / grado de protección del sensor	IPX8	
Leitungslänge / cable length / longueur du câble / lunghezza del tubo / longitud del cable	max. 1.5m	
Eingangsanschluss / inlet connection / raccord à l'entrée / raccordo d'ingresso / conexión de entrada	G 3/8" Überwurfmutter / Union nut / écrou / Dado a risvolto / Tuerca de unión	G 3/4" mit O-Ring-Dichtung / with o-ring seal / à torique intégré / con o-ring / con junta tórica
Ausgangsanschluss / outlet connection / raccord à la sortie / raccordo di uscita / conexión de salida	G 3/8"	G 3/4" Überwurfmutter / Union nut / écrou / Dado a risvolto





### SKU'S & PRICING







	COM UNIT ONLY	10-100	100-700
ARTICLE NUMBER	1057524	1057522	1057523
MIN. RSP	EUR 154,00	EUR 171,00	EUR 186,00

# Enter the digital world of BRITA iQ



Plug n play

Consistent quality

Remote management





BRITA iQ Portal



API

Free access

Flexible permission management

Remote management

Easy retrofit

Remote management

Battery powered



Full integration

Open standards

Full controll

12.December 2023

iQ METER INTEGRATED IN EXISTING DIGITAL SERVICE CONCEPT

Existing digital service process for PURITY C iQ also applies to iQ Meter.

The following tools will be made available for iQ Meter:

- Customer Help Page
- Support Portal
- Jira ticketing tool
- Handbook tool (t.b.c.)





#### **CERTIFICATIONS**

All existing certifications (for water contact) of the flow sensor apply:

- CE (product safety)
- TÜV Summary (based on KTW single material certificates)
- ACS
- BS 6920
- NSF 61

The communication unit will receive the following certifications:

- RED
  - CE (product safety)
  - EMC (electromagnetic compatibility)
- UK CA





## STAY CONNECTED!

