Manual calibration and cleaning module

- On demand, on-site cleaning or calibration of sensors
- Compliance with individual quality standards and guidelines
- Long-term reliable and exact measurements
- Flexible use allows economical and thus easy on-site quality management

Product variants described in the data sheet may differ from the product presentation and description.

Can be combined with

Type 8905 ▸
Online water analysis system

Type 8906 ▸
Online water analysis system

Type MS01 ▸
pH Sensor Cube

Type MS03 ▸
Conductivity sensor cube

Type MS04 ▸
Oxidation reduction potential (ORP) sensor cube

Type description

The handy and simple Type MZ15 module enables the operator to carry out minor interventions in the field such as sensor cleaning or calibration.

This system accessory for the Online water analysis system Type 8905 also extends the flexibility and thus supports economical and time-saving operation.

In this context, the manual calibration and cleaning Type MZ15 module helps to observe the specific individual quality standards in a simple way.

DTS 1000326997 EN Version: - Status: RL (released | freigegeben | valide) printed: 28.10.2026

© Christian Bürkert GmbH & Co. KG, Subject to alteration

Visit product website ▸

Table of contents

1. General technical data 3

2. Approvals and conformities 3

2.1. Conformity 3
2.2. Standards 3

3. Materials 4

3.1. Bürkert resistApp 4

4. Dimensions 4

5. Product design and assembly 4

5.1. Product assembly 4
Handheld calibration tool 4

6. Product accessories 5

7. Networking and combination with other Bürkert products 5

8. Ordering information 6

8.1. Bürkert eShop 6
8.2. Bürkert product filter 6
8.3. Ordering chart 6
8.4. Ordering chart accessories 6

DTS 1000326997 EN Version: - Status: RL (released | freigegeben | valide) printed: 28.10.2026

1. General technical data

Product properties	
Material	
Make sure the device materials are compatible with the fluid you are using. Further information can be found in chapter "3.1. Bürkert resistApp" on page 4.	
Non-wetted parts	
Housing	ABS
Screw	Stainless steel, passivated steel
Fixed connector	Zn, CuZn, Au, PA
Wetted parts	
Seal	EPDM
Others	PA, POM, PPS, silicone
Dimensions	Further information can be found in chapter "4. Dimensions" on page 4.
Weight	Approx. 900 g (without bottle)
Electrical data	
Operating voltage	4 × 1.5 V DC non-rechargeable alkaline (LR6 AA) batteries
Supply voltage of the sensor cubes	Via connected M12 plug
Medium data	
Fluid	Calibration solution
Product connections	
Fluidic connection	Holder for 2 bottles with suction hose
Electrical connection	M12 plug (büS)
Approvals and conformities	
Directives	
CE directive	Further information on the CE directive can be found in chapter "2.2. Standards" on page 3.
Environment and installation	
Ambient temperature	Operation and storage: + 3...+ 40 °C
Relative air humidity	< 90 %, without condensation
Height above sea level	Max. 2000 m
Degree of protection according to IEC/EN 60529	IP20

2. Approvals and conformities

2.1. Conformity

In accordance with the Declaration of Conformity, the product is compliant with the EU Directives.

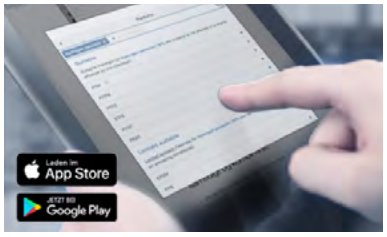
2.2. Standards

The applied standards which are used to demonstrate compliance with the EU Directives are listed in the EU-Type Examination Certificate and/or the EU Declaration of Conformity.

DTS 1000326997 EN Version: - Status: RL (released | freigegeben | valide) printed: 28.10.2026

3. Materials

3.1. Bürkert resistApp



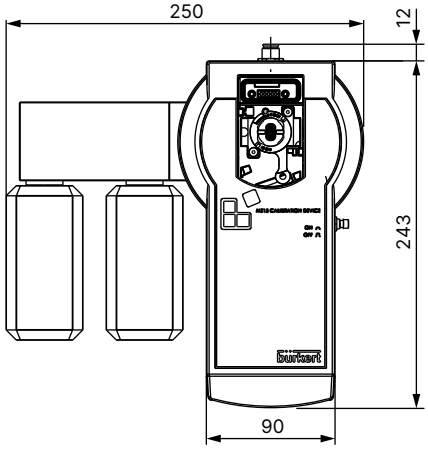
Bürkert resistApp – Chemical resistance chart

You want to ensure the reliability and durability of the materials in your individual application case? Verify your combination of media and materials on our website or in our resistApp.

Start chemical resistance check

4. Dimensions

Note:
Dimensions in mm, unless otherwise stated

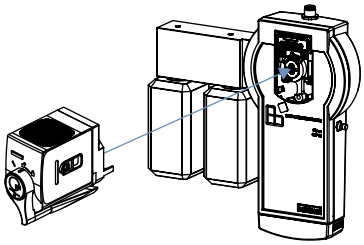


5. Product design and assembly

5.1. Product assembly

The handheld tool is an accessory designed to clean or calibrate the sensor cubes Type MS01, Type MS03 or Type MS04 for the Online water analysis system, Type 8905. The sensor cube, to be cleaned or calibrated, must be removed from the backplane of the 8905 system and inserted on the backplane of the portable cleaning or calibration tool.

Handheld calibration tool



The portable calibration tool must be connected to the Type 8905 Online water analysis system via a büS connection cable to access the calibration menu of the connected sensor. The portable calibration tool is equipped with a connection bracket, to which two bottles are to be screwed, one containing the calibration solution and the second used to recover the used solution. A pump sucks this solution through a pipe and returns it to the sensor cube. The calibration must be carried out according to the respective instructions of the sensor cube.

DTS 1000326997 EN Version: - Status: RL (released | freigegeben | valide) printed: 28.10.2026

6. Product accessories

Note:
To configure a device without a display, use the USB-büS interface set Type 8923.

See "8.4. Ordering chart accessories" on page 6 for ordering information.

Accessories	No.	Description
USB-büS interface set 1	**1**	Quick-Start
	2	Power supply: 100...240 V AC/24 V DC 1 A and power supply adapters for worldwide use
	3	büS terminating resistor on büS Y-splitter
	4	5-pin M12 male connector wired on free end cable, cable length: 0.2 m
	5	büS connection cable with 5-pin M12 male connector, micro USB B plug, cable length: 0.3 m
	6	büS adapter with 5-pin M12 male connector, A-coded to 5-pin M12 male connector, A-coded
	7	büS stick (USB to büS/CANopen adapter)
	8	büS service cable with 5-pin M12 female connector, mini USB plug and circular female connector for power supply, cable length: 0.7 m
	9	Magnetic key
USB-büS interface set 2		The Bürkert Communicator software can be downloaded from our website under the "Software" heading of **Type 8920** ▶.

7. Networking and combination with other Bürkert products

Type MZ15
Handheld calibration tool

Type 8905 ▶
Online water analysis system

Type MS01 ▶
pH sensor cube

Type MS03 ▶
Conductivity sensor cube

Type MS04 ▶
ORP sensor cube

DTS 1000326997 EN Version: - Status: RL (released | freigegeben | valide) printed: 28.10.2026

8. Ordering information

8.1. Bürkert eShop

Bürkert eShop – Easy ordering and quick delivery

You want to find your desired Bürkert product or spare part quickly and order directly? Our online shop is available for you 24/7. Sign up and enjoy all the benefits.

Order online now

8.2. Bürkert product filter

Bürkert product filter – Get quickly to the right product

You want to select products comfortably based on your technical requirements?
Use the Bürkert product filter and find suitable articles for your application quickly and easily.

Try out our product filter

8.3. Ordering chart

Description	Article no.
Handheld calibration tool	568805

8.4. Ordering chart accessories

Description		Article no.
Solutions		
Buffer solution, 50 ml, pH value: 5.00 (+ 20 °C)		806698
Buffer solution, 50 ml, pH value: 7.00 (+ 20 °C)		806699
Buffer solution, 50 ml, pH value: 9.00 (+ 20 °C)		806700
Buffer solution, 500 ml, pH value: 4.01 (+ 25 °C)		418540
Buffer solution, 500 ml, pH value: 5.00 (+ 25 °C)		566031
Buffer solution, 500 ml, pH value: 7.00 (+ 25 °C)		418541
Buffer solution, 500 ml, pH value: 10.01 (+ 25 °C)		418543
Flushing solution,	50 ml	806709
	250 ml	806710
Buffer solution, 50 ml, ORP value: 475 mV (+ 25 °C)		807045
Buffer solution, 500 ml, ORP value: 475 mV (+ 25 °C)		418555
Calibration solution, 50 ml, conductivity standard value: 5 mS/cm (+ 25 °C), ± 0.5 % accuracy		807199
Calibration solution, 250 ml, conductivity standard value: 100 µS/cm (+ 25 °C), ± 1 % accuracy		440017
Calibration solution, 250 ml, conductivity standard value: 706 µS/cm (+ 25 °C), ± 2 % accuracy		440018
Calibration solution, 250 ml, conductivity standard value: 1413 µS/cm (+ 25 °C), ± 1 % accuracy		440019
Cleaning solution acidic	250 ml	807478
	1000 ml	807479
	5000 ml	807480
Cleaning solution alkaline	250 ml	807486
	1000 ml	807487
	5000 ml	807489

DTS 1000326997 EN Version: - Status: RL (released | freigegeben | valide) printed: 28.10.2026

Description		Article no.
Interface accessories		
USB-büS interface set		
USB-büS interface set 1 (Type 8923) Further information can be found in chapter "6. Product accessories" on page 5.		772426
USB-büS interface set 2 (Type 8923) Further information can be found in chapter "6. Product accessories" on page 5.		772551
Connectors and extensions		
büS Y-distributor (M12 female connector, 5-pin to M12 male and female connectors, 5-pin)		772420
M12 female and male connectors, 5-pin, straight, moulded on büS cable, shielded	1 m	772404
	3 m	772405
	5 m	772406

DTS 1000326997 EN Version: - Status: RL (released | freigegeben | valide) printed: 28.10.2026