



Contamination indicator

BCI 24-Dx

Installation and Operation Instructions

Original instructions





Bühler Technologies GmbH, Harkortstr. 29, 40880 Ratingen
Tel. +49 (0) 21 02 / 49 89-0
Internet: www.buehler-technologies.com
E-Mail: fluidcontrol@buehler-technologies.com

Read this instruction carefully prior to installation and/or use. Pay attention particularly to all advises and safety instructions to prevent injuries. Bühler Technologies can not be held responsible for misusing the product or unreliable function due to unauthorised modifications.

All rights reserved. Bühler Technologies GmbH 2026

Document information

Document No..... BE130012
Version..... 01/2026

Contents

1	Introduction	2
1.1	Intended Use	2
1.2	Model key	2
1.3	Item numbers	2
1.4	Contents	2
2	Safety instructions	3
2.1	Important advice	3
2.2	General hazard warnings	4
3	Transport and storage	5
4	Installation and connection	6
4.1	Installation	6
4.2	Electrical connections	6
4.2.1	Pin assignment	7
5	Operation and Control	8
5.1	Version with IO-Link interface (1D1A)	8
5.2	Version with IO-Link interface (1D1S)	8
6	Cleaning and Maintenance	9
7	Service and repair	10
7.1	Removal information	10
7.2	Accessories	10
8	Disposal	11
9	Appendices	12
9.1	Technical Data	12
9.2	Dimensions	13
10	Attached documents	14

1 Introduction

1.1 Intended Use

The contamination indicator BCI 24 is used to monitor the filter capacity in oil circuits. A microprocessor-controlled pressure transmitter monitors the pressure drop above the filter element which increases as the filter contamination increases.

WARNING



All device models are solely intended for industrial applications. They are **not safety components**. The devices must not be used if failure or malfunction thereof jeopardises the safety and health of persons.
Use in explosive areas is **prohibited**.

1.2 Model key

BCI 24 - D 3 - -5

Type designation

BCI contamination indicator

Process connection

compatible with third-party products

H Hydac/Stauff G1/2
M Filtration Group/Hengst M20x1.5
F MP-Filtri G1/2
C Eaton G1/2

Options/outputs

7 - 1D1A 1x analog / IO-Link
7 - 1D1S 1x switching output / IO-Link

Pressure drop range

3 max. 3 bar
6 max. 6 bar

1.3 Item numbers

1331237750	BCI24-DH337-1D1S-5	Hydac / Stauff G1/2	3 bar	1D1S
1331267750	BCI24-DH367-1D1S-5		6 bar	
1331237850	BCI24-DH337-1D1A-5		3 bar	1D1A
1331267850	BCI24-DH367-1D1A-5		6 bar	
1331137750	BCI24-DM337-1D1S-5	Filtration Group / Hengst M20x1.5	3 bar	1D1S
1331167750	BCI24-DM367-1D1S-5		6 bar	
1331137850	BCI24-DM337-1D1A-5		3 bar	1D1A
1331167850	BCI24-DM367-1D1A-5		6 bar	
1331437750	BCI24-DF337-1D1S-5	MP-Filtri G1/2	3 bar	1D1S
1331467750	BCI24-DF367-1D1S-5		6 bar	
1331437850	BCI24-DF337-1D1A-5		3 bar	1D1A
1331467850	BCI24-DF367-1D1A-5		6 bar	
1331637750	BCI24-DC337-1D1S-5	Eaton G1/2	3 bar	1D1S
1331667750	BCI24-DC367-1D1S-5		6 bar	
1331637850	BCI24-DC337-1D1A-5		3 bar	1D1A
1331667850	BCI24-DC367-1D1A-5		6 bar	

1.4 Contents

- Contamination indicator BCI 24
- Product Documentation

2 Safety instructions

2.1 Important advice

The device may only be operated if:

- the product is used under the conditions described in the operating and installation manual, in accordance with the type label, and for the intended applications; Any unauthorised modifications to the device will void the warranty provided by Bühler Technologies GmbH,
- the information and markings on the type plates are observed,
- the limit values specified in the data sheet and in this operating and installation manual are observed,
- the device is not operated outside its specification,
- monitoring/protective devices are correctly connected,
- Service and repairs not described in these instructions is performed by Bühler Technologies GmbH,
- Using genuine replacement parts.

These operation instructions are a part of the equipment. The manufacturer reserves the right to change performance, specification or design data without prior notice. Keep this manual for future reference.

Signal words for warnings

DANGER	Signal word for an imminent danger with high risk, resulting in severe injuries or death if not avoided.
WARNING	Signal word for a hazardous situation with medium risk, possibly resulting in severe injuries or death if not avoided.
CAUTION	Signal word for a hazardous situation with low risk, resulting in damaged to the device or the property or minor or medium injuries if not avoided.
NOTICE	Signal word for important information to the product.

Warning signs

These instructions include the following warnings:

	General warning sign		General mandatory sign
	Voltage warning		Unplug from mains
	High pressure warning		

2.2 General hazard warnings

The device may only be installed by qualified specialist personnel who are familiar with the safety requirements and associated risks. In addition, through their professional training, they possess knowledge of the relevant standards and regulations.

Be sure to observe the safety regulations relevant to the installation location and the generally accepted rules of technology. Prevent malfunctions and thereby avoid personal injury and damage to property.

The operator of the system must ensure that:

- Safety instructions and operating manuals are available and observed,
- the respective national accident prevention regulations are observed,
- the permissible data and operational conditions are maintained,
- protective devices are used and the required maintenance is performed,
- the device is disposed of according to the law,
- valid national installation regulations are observed,

Maintenance, Repair

Please note during maintenance and repairs:

- Repairs to the unit must be performed by Bühler authorised personnel.
- Only perform conversion-, maintenance or installation work described in these operating and installation instructions.
- Always use genuine spare parts.
- Do not install damaged or defective spare part. If necessary, visually inspect prior to installation to determine any obvious damage to the spare parts.

Always observe the applicable safety and operating regulations in the respective country of use when performing any type of maintenance.

3 Transport and storage

Only transport the product inside the original packaging or a suitable alternative.

The equipment must be protected from moisture and heat when not in use. It must be stored in a covered, dry, dust-free room at room temperature.

4 Installation and connection

DANGER

Electric voltage



Risk of electric shock

- De-energise the system.
- The equipment may only be installed, maintained and put into operation by instructed, competent personnel.
- Always observe the applicable safety regulations for the operating site.



DANGER

Toxic, acidic gases/liquids



Protect yourself from toxic, corrosive gasses/liquids when performing any type of work. Wear appropriate protective equipment.



4.1 Installation

The equipment must be installed by a professional familiar with the safety requirements and risks.

DANGER

Electric voltage



Risk of electric shock

When connecting devices, please note the maximum voltages and currents (see technical data) and use the correct wire cross-sections and circuit breakers. When selecting the connection lines, also note the maximum operating temperatures of the devices.



WARNING

System pressurised



De-pressurize the system prior to assembly.

The contamination indicator BCI 24 screws directly into the line filter. Tighten the BCI 24 to the following torque:

100 Nm for versions with G1/2 screw-in thread and a profile gasket.

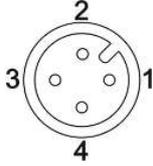
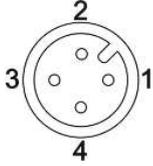
90 Nm for versions with M20x1.5 screw-in thread and a USIT sealing ring.

Ensure that the seal (profile gasket or USIT sealing ring, depending on the version) is in perfect condition.

4.2 Electrical connections

The BCI contamination indicator is powered with +18-30 V direct voltage. The sensor connects with a cable and standard M12 plug-in connectors.

4.2.1 Pin assignment

Version	1D1A	1D1S
Plug	M12 4-pin	M12 4-pin
Connection schematic		
Pin		
1	+24 V DC	+24 V DC
2	OUT2, 4...20 mA	S2 (PNP), max. 200 mA
3	GND	GND
4	C/Q (IO-Link)/S1	C/Q (IO-Link)/S1
	S1 = HnC 75% → 2.0 bar or 4.1 bar OUT2 = 4...20 mA → 0...3 / 6 bar adjustable via IO-Link	S1 = HnC 75% → 2.0 bar or 4.1 bar S2 = HnC 100% → 2.8 bar or 5.5 bar adjustable via IO-Link

5 Operation and Control

NOTICE



The device must not be started or operated outside the specifications!

5.1 Version with IO-Link interface (1D1A)

This unit is equipped with an IO-Link interface and an analogue output.

An IO-Link master is required to use the IO-Link interface.

The IO-Link interface allows direct access to process and diagnostics data, as well as configuration of the unit during operation.

The IODDs required to configure the unit is available at <https://ioddfinder.io-link.com>.

If the IO-Link interface is not in use (no master or only used to parameterise), the BCI 24 functions as a regular pressure drop switch with 1 switching output and an analogue output.

In the event of increasing pressure drop, switching output 1 is configured as an NC contact as standard. This switching output opens at 75% of the set pressure drop measuring range.

To ensure that the switching output responds, the relevant threshold must be exceeded for at least 4 seconds. This will prevent the system responding too soon in the event of brief pressure peaks.

The switching output resets automatically.

However, it can be parameterised via IO-Link master.

For more information, please visit: www.io-link.com



The analogue output supplies a 4–20 mA current signal proportional to the set pressure drop measuring range.

5.2 Version with IO-Link interface (1D1S)

This unit is equipped with an IO-Link interface, which requires an IO-Link master.

The IO-Link interface allows direct access to process and diagnostics data, as well as configuration of the unit during operation.

The IODDs required to configure the unit is available at <https://ioddfinder.io-link.com>.

If the IO-Link interface is not being used (no master or only used to parameterise), the BCI 24 functions as a regular pressure drop switch with 2 switching outputs.

In the event of increasing pressure drop, switching output 1 is configured as an NC contact as standard. This switching output opens at 75% of the set pressure drop measuring range.

In the event of increasing pressure drop, switching output 2 is configured as an NC contact as standard. It opens at 100% of the set pressure drop measuring range.

To ensure that the switching outputs respond, the relevant threshold must be exceeded for at least 4 seconds. This will prevent the system responding too soon in the event of brief pressure peaks.

The switching outputs reset automatically.

However, it can be parameterised via IO-Link master.

For more information, please visit: www.io-link.com



6 Cleaning and Maintenance

Regularly check sealing screw connections for leaks, particularly if vibration may occur. Apart from this the device is maintenance-free.

The method for cleaning the devices must be adapted to the IP protection class of the devices. Do not use cleaners which could damage the device materials.

7 Service and repair

If an error occurs during operation, you will find troubleshooting and corrective information in this chapter.

Repairs to the equipment may only be performed by Bühler authorised personnel.

If you have any questions, please contact our service department:

Tel.: +49-(0)2102-498955 or your local representative.

Further information about our individual service solutions for repair, modification and commissioning can be found at <https://www.buehler-technologies.com/service>.

If, after rectifying any faults and switching on the mains voltage, the device does not function correctly, it must be checked by the manufacturer. Please send the equipment inside suitable packaging to:

Bühler Technologies GmbH

- Reparatur/Service -

Harkortstraße 29

40880 Ratingen

Germany

In addition, please attach the completed and signed RMA decontamination declaration to the packaging. Otherwise, your repair order cannot be processed. You can find the form in the appendix of these instructions, or simply request it by e-mailing:

service@buehler-technologies.com.

7.1 Removal information

The housing temperature depends on the process temperature, therefore remember when working on the device:

Allow the device to cool down before performing maintenance or repairs.

Before remove the device, ensure the system is depressurised to prevent liquid from escaping. If necessary, use a collection container.

Please observe the safety notices in chapter Setup and connection.

7.2 Accessories

Item no.	Type
9144050031	M12x1 4-pin.LED* 5.0 m connection
9144050047	M12x1 4-pin 5.0 m connection
9144050010	M12x1 4-pin 1.5 m connection
9146100158	Straight cable socket M12x1 5-pin

*LED cable not compatible with active IO-Link communication or 4...20 mA signal. Only use in SIO mode.

8 Disposal

The applicable national laws must be observed when disposing of the products. Disposal must not result in a danger to health and environment.

The crossed out wheelie bin symbol on Bühler Technologies GmbH electrical and electronic products indicates special disposal notices within the European Union (EU).



The crossed out wheelie bin symbol indicates the electric and electronic products bearing the symbol must be disposed of separate from household waste. They must be properly disposed of as waste electrical and electronic equipment.

Bühler Technologies GmbH will gladly dispose of your device bearing this mark. Please send your device to the address below for this purpose.



We are obligated by law to protect our employees from hazards posed by contaminated devices. Therefore please understand that we can only dispose of your waste equipment if the device is free from any aggressive, corrosive or other operating fluids dangerous to health or environment. **Please complete the "RMA Form and Decontamination Statement", available on our website, for every waste electrical and electronic equipment. The form must be applied to the packaging so it is visible from the outside.**

Please return waste electrical and electronic equipment to the following address:

Bühler Technologies GmbH
WEEE
Harkortstr. 29
40880 Ratingen
Germany

Please also observe data protection regulations and remember you are personally responsible for the returned waste equipment not bearing any personal data. Therefore please be sure to delete your personal data before returning your waste equipment.

9 Appendices

9.1 Technical Data

Technical Data BCI 24-Dx

Operating pressure:	max. 420 bar
Operating fluids:	Hydraulic fluids (fluids in group 2 of EU Directive 2014/68/EU, Article 13). Note material resistance.
Ambient temperature:	-20 °C to +70 °C
Medium temperature*:	-40 °C to +85 °C
Measuring range:	0.3...3 bar/0.6...6 bar, depending on the version
Material/version	
Housing material:	1.4305
Material in contact with media:	1.4305, 1.4310, bright steel, NBR
Weight:	300 g
Electrical data	
Input value:	Pressure drop
Measuring principle:	Differential pressure piston with magnet and hall sensor
Operating voltage:	18–30 V DC
Power input:	< 100 mA
IP rating (with plug top):	IP67
Output:	IO-Link (in SIO mode - switching output) Additional: Switching output for version 1D1S or analog signal 4...20 mA for version 1D1A
Measuring accuracy:	5% of the final value (type)
Repeatability:	0.5% of the final value
Switching point accuracy**:	1% of the final value

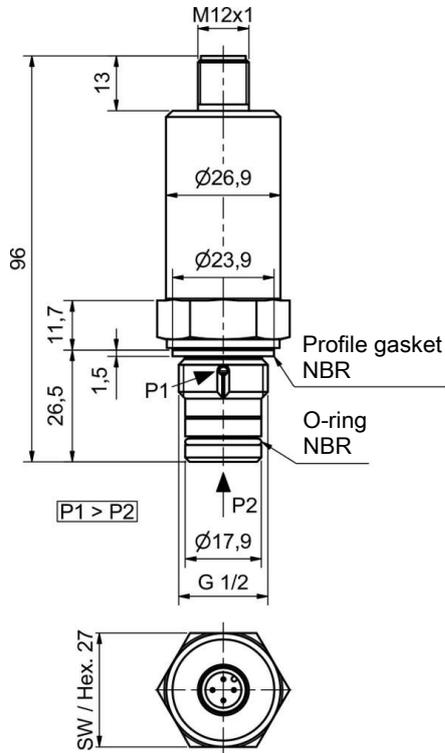
*Other temperatures available upon request.

**with factory setting.

9.2 Dimensions

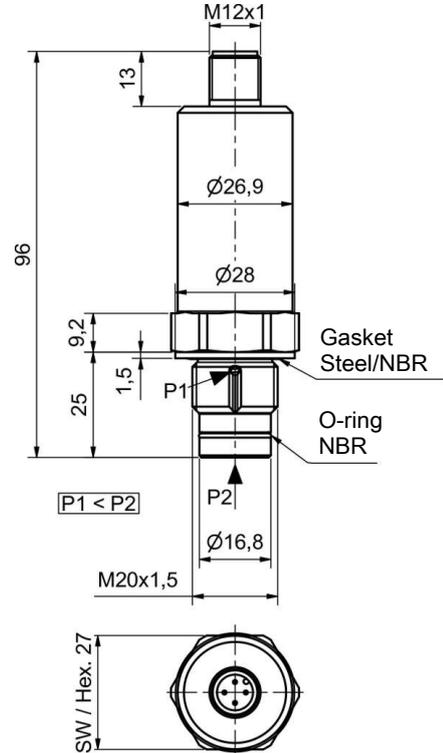
Connecting flange compatible with
third-party product Hydac / Stauff

BCI 24-DHxxx



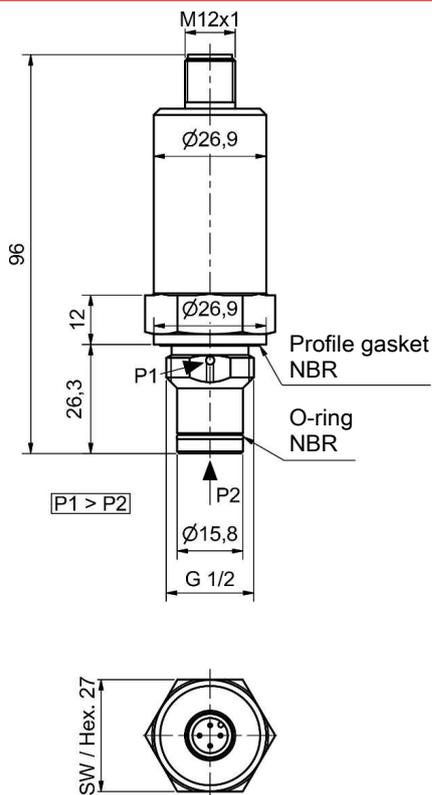
Connecting flange compatible with
third-party product Filtration Group / Hengst

BCI 24-DMxxx



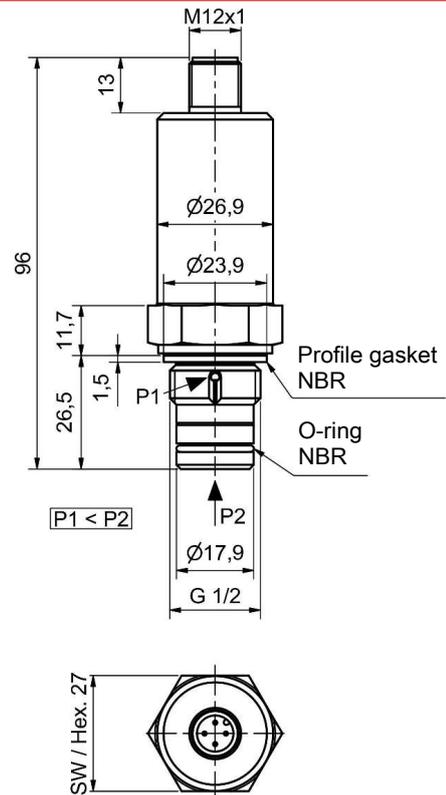
Connecting flange compatible with
third-party product MP-Filtri

BCI 24-DFxxx



Connecting flange compatible with
third-party product Eaton

BCI 24-DCxxx



10 Attached documents

- Declaration of Conformity KX130024
- RMA - Decontamination Statement

EU-Konformitätserklärung
EU Declaration of Conformity



Hiermit erklärt Bühler Technologies GmbH,
dass die nachfolgenden Produkte den
wesentlichen Anforderungen der Richtlinie

*Herewith declares Bühler Technologies GmbH
that the following products correspond to the
essential requirements of Directive*

2014/30/EU
(Elektromagnetische Verträglichkeit / *electromagnetic compatibility*)

in ihrer aktuellen Fassung entsprechen.

in its actual version.

Produkt / products: Verschmutzungsanzeiger / Contamination indicator
Typ / type: BCI 24-Dx

Die Betriebsmittel dienen zur Überwachung der Filterkapazität in Ölkreisläufen.
The equipment is used to monitor the capacity of oil filters in oil-circulating systems.

Das oben beschriebene Produkt der Erklärung erfüllt die einschlägigen
Harmonisierungsrechtsvorschriften der Union:
*The object of the declaration described above is in conformity with the relevant Union harmonisation
legislation:*

EN 61326-1:2013

Die alleinige Verantwortung für die Ausstellung dieser Konformitätserklärung trägt der Hersteller.
This declaration of conformity is issued under the sole responsibility of the manufacturer.

Dokumentationsverantwortlicher für diese Konformitätserklärung ist Herr Stefan Eschweiler mit
Anschrift am Firmensitz.
*The person authorised to compile the technical file is Mr. Stefan Eschweiler located at the company's
address.*

Ratingen, den 08.04.2019

A handwritten signature in black ink, appearing to be 'Stefan Eschweiler', written over a horizontal line.

Stefan Eschweiler
Geschäftsführer – *Managing Director*

A handwritten signature in black ink, appearing to be 'Frank Pospiech', written over a horizontal line.

Frank Pospiech
Geschäftsführer – *Managing Director*

UK Declaration of Conformity



The manufacturer Bühler Technologies GmbH declares, under the sole responsibility, that the product complies with the requirements of the following UK legislation:

Electromagnetic Compatibility Regulations 2016

Product: Contamination indicator
Type: BCI 24-Dx

The equipment is used to monitor the capacity of oil filters in oil-circulating systems.

The object of the declaration described above is in conformity with the relevant designated standards:

EN 61326-1:2013

Ratingen in Germany, 01.11.2022

A handwritten signature in black ink, appearing to be 'Stefan Eschweiler', written over a horizontal line.

Stefan Eschweiler
Managing Director

A handwritten signature in blue ink, appearing to be 'Frank Pospiech', written over a horizontal line.

Frank Pospiech
Managing Director

RMA-Formular und Erklärung über Dekontaminierung

RMA-Form and explanation for decontamination



RMA-Nr./ RMA-No.

Die RMA-Nr. bekommen Sie von Ihrem Ansprechpartner im Vertrieb oder Service. Bei Rücksendung eines Altgeräts zur Entsorgung tragen Sie bitte in das Feld der RMA-Nr. "WEEE" ein./ You may obtain the RMA number from your sales or service representative. When returning an old appliance for disposal, please enter "WEEE" in the RMA number box.

Zu diesem Rücksendeschein gehört eine Dekontaminierungserklärung. Die gesetzlichen Vorschriften schreiben vor, dass Sie uns diese Dekontaminierungserklärung ausgefüllt und unterschrieben zurücksenden müssen. Bitte füllen Sie auch diese im Sinne der Gesundheit unserer Mitarbeiter vollständig aus./ This return form includes a decontamination statement. The law requires you to submit this completed and signed decontamination statement to us. Please complete the entire form, also in the interest of our employee health.

Firma/ Company

Firma/ Company

Straße/ Street

PLZ, Ort/ Zip, City

Land/ Country

Gerät/ Device

Anzahl/ Quantity

Auftragsnr./ Order No.

Ansprechpartner/ Person in charge

Name/ Name

Abt./ Dept.

Tel./ Phone

E-Mail

Serien-Nr./ Serial No.

Artikel-Nr./ Item No.

Grund der Rücksendung/ Reason for return

- Kalibrierung/ Calibration Modifikation/ Modification
 Reklamation/ Claim Reparatur/ Repair
 Elektroaltgerät/ Waste Electrical & Electronic Equipment (WEEE)
 andere/ other

bitte spezifizieren/ please specify

Handelt es sich bei dem Gerät um ein sogenanntes Bühler O2-Ready Produkt (Artikelnummer endet mit „-O2“)?/ Is the device a Bühler O2-Ready product (item number ending with "-O2")?

- Nein/ No Ja/ Yes

Ist das Gerät möglicherweise kontaminiert?/ Could the equipment be contaminated?

- Nein, da das Gerät nicht mit gesundheitsgefährdenden Stoffen betrieben wurde./ No, because the device was not operated with hazardous substances.
 Nein, da das Gerät ordnungsgemäß gereinigt und dekontaminiert wurde./ No, because the device has been properly cleaned and decontaminated.
 Ja, kontaminiert mit:/ Yes, contaminated with:



explosiv/
explosive



entzündlich/
flammable



brandfördernd/
oxidizing



komprimierte
Gase/
compressed
gases



ätzend/
caustic



giftig, Lebensge-
fahr/
poisonous, risk of
death



gesundheitsge-
fährdend/
harmful to health



gesund-
heitsschädlich/
health hazard



umweltge-
fährdend/
environmental
hazard

Bitte Sicherheitsdatenblatt beilegen!/ Please enclose safety data sheet!

Das Gerät wurde gespült mit:/ The equipment was purged with:

Diese Erklärung wurde korrekt und vollständig ausgefüllt und von einer dazu befugten Person unterschrieben. Der Versand der (dekontaminierten) Geräte und Komponenten erfolgt gemäß den gesetzlichen Bestimmungen.

Falls die Ware nicht gereinigt, also kontaminiert bei uns eintrifft, muss die Firma Bühler sich vorbehalten, diese durch einen externen Dienstleister reinigen zu lassen und Ihnen dies in Rechnung zu stellen.

Firmenstempel/ Company Sign

This declaration has been filled out correctly and completely, and signed by an authorized person. The dispatch of the (decontaminated) devices and components takes place according to the legal regulations.

Should the goods not arrive clean, but contaminated, Bühler reserves the right, to commission an external service provider to clean the goods and invoice it to your account.

Datum/ Date

rechtsverbindliche Unterschrift/ Legally binding signature



Vermeiden von Veränderung und Beschädigung der einzusendenden Baugruppe

Die Analyse defekter Baugruppen ist ein wesentlicher Bestandteil der Qualitätssicherung der Firma Bühler Technologies GmbH. Um eine aussagekräftige Analyse zu gewährleisten muss die Ware möglichst unverändert untersucht werden. Es dürfen keine Veränderungen oder weitere Beschädigungen auftreten, die Ursachen verdecken oder eine Analyse unmöglich machen.

Vermeidung von Kontaminationen bei Produkten für hochreine Sauerstoffapplikationen (O2-Ready)

Handelt es sich bei dem Gerät um ein sogenanntes Bühler O2-Ready Produkt (Artikelnummer endet mit „-O2“), so ist dafür zu sorgen, dass es vom Ausbau des Artikels bis zur Anlieferung bei Firma Bühler zu keiner Kontamination medienberührender Teile kommt. Verschießen Sie Öffnungen und verpacken Sie das Gerät in ein luftdichtes Behältnis. Kennzeichnen Sie die Ware deutlich, insbesondere durch Angabe der vollständigen Artikelnummer (.....-O2) auf der ersten Seite dieses Formulars. Hierdurch wird sichergestellt, dass es auch unsererseits zu keiner unnötigen Kontamination kommt.

Umgang mit elektrostatisch sensiblen Baugruppen

Bei elektronischen Baugruppen kann es sich um elektrostatisch sensible Baugruppen handeln. Es ist darauf zu achten, diese Baugruppen ESD-gerecht zu behandeln. Nach Möglichkeit sollten die Baugruppen an einem ESD-gerechten Arbeitsplatz getauscht werden. Ist dies nicht möglich sollten ESD-gerechte Maßnahmen beim Austausch getroffen werden. Der Transport darf nur in ESD-gerechten Behältnissen durchgeführt werden. Die Verpackung der Baugruppen muss ESD-konform sein. Verwenden Sie nach Möglichkeit die Verpackung des Ersatzteils oder wählen Sie selber eine ESD-gerechte Verpackung.

Einbau von Ersatzteilen

Beachten Sie beim Einbau des Ersatzteils die gleichen Vorgaben wie oben beschrieben. Achten Sie auf die ordnungsgemäße Montage des Bauteils und aller Komponenten. Versetzen Sie vor der Inbetriebnahme die Verkabelung wieder in den ursprünglichen Zustand. Fragen Sie im Zweifel beim Hersteller nach weiteren Informationen.

Einsenden von Elektroaltgeräten zur Entsorgung

Wollen Sie ein von Bühler Technologies GmbH stammendes Elektroprodukt zur fachgerechten Entsorgung einsenden, dann tragen Sie bitte in das Feld der RMA-Nr. „WEEE“ ein. Legen Sie dem Altgerät die vollständig ausgefüllte Dekontaminierungserklärung für den Transport von außen sichtbar bei. Weitere Informationen zur Entsorgung von Elektroaltgeräten finden Sie auf der Webseite unseres Unternehmens.

Avoiding alterations and damage to the components to be returned

Analysing defective assemblies is an essential part of quality assurance at Bühler Technologies GmbH. To ensure conclusive analysis the goods must be inspected unaltered, if possible. Modifications or other damages which may hide the cause or render it impossible to analyse are prohibited.

Avoidance of contamination in products for high-purity oxygen applications (O2-Ready)

If the device is a Bühler O2-Ready product (item number ending with “-O2”), it must be ensured that there is no contamination of parts in contact with the medium from the time the item is removed until it is delivered to Bühler. Seal openings and pack the device in an airtight container. Mark the goods clearly, in particular by stating the full item number (.....-O2) on the first page of this form. This ensures that there is no unnecessary contamination on our part either.

Handling electrostatically conductive components

Electronic assemblies may be sensitive to static electricity. Be sure to handle these assemblies in an ESD-safe manner. Where possible, the assemblies should be replaced in an ESD-safe location. If unable to do so, take ESD-safe precautions when replacing these. Must be transported in ESD-safe containers. The packaging of the assemblies must be ESD-safe. If possible, use the packaging of the spare part or use ESD-safe packaging.

Fitting of spare parts

Observe the above specifications when installing the spare part. Ensure the part and all components are properly installed. Return the cables to the original state before putting into service. When in doubt, contact the manufacturer for additional information.

Returning old electrical appliances for disposal

If you wish to return an electrical product from Bühler Technologies GmbH for proper disposal, please enter "WEEE" in the RMA number box. Please attach the fully completed decontamination declaration form for transport to the old appliance so that it is visible from the outside. You can find more information on the disposal of old electrical appliances on our company's website.

