Euromisure WIKA Instruments S.a.s. di WIKA Italia S.r.l.
Registered Office: Via Borghisani 4 • 26035 Pieve San Giacomo • Italy
Share capital: 2.000.000 €
Fiscal code / VAT number: 06368680960

Local unit:
Montegaldella
Via Bernarde 11/1

36047 Montegaldella (VI)
Italy

Tel. +39 0444635801
info.valves@wika.com
www.wika.com

VALVES FOR GENERIC H2 SERVICE

We hereby declare that our model

HPAC (High Pressure Adapters and Couplings)

is suitable for generic hydrogen services under the following conditions:

- NACE certificate for all wetted parts
- temperature range -55°C / 210°C (-67°F / +410°F)
- maximum pressure up to 6.000 psi (420 bar) for NPT connections
- pressure from 10.000 to 20.000 psi (690-1379 bar) for coned & threaded connections

We strongly recommend selecting AISI 316/316L or 1.4401-1.4404 as material for pressure-retaining components.

Material de-rating and media compatibility factors must be considered for high pressure and high temperature applications.

For any other hydrogen application besides this range, or if regulated by a specification or standard, please contact us for a quotation and a feasibility study.

For further information, do not hesitate to contact us at:

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Via Bernarde, 11/1 - 36047 Montegaldella (VI), Italy
Tel: +39 0444 635 801 Email: info.valves@wika.com

Signed of behalf of
Euromisure WIKA Instruments S.a.s. di WIKA Italia S.r.l.
Montegaldella, April 3rd, 2024

Simone Zarantonello
R&D Manager

Sebastian Fabio Agnello
Vice President Flow Measurement WIKA group

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To Whom it may concern

Date
03.01.2024

Information about the Directive 2015/863/EU (RoHS), on the restriction of the use of certain hazardous substances in electrical and electronic equipment

EU legislation restricts the use of hazardous substances in electrical and electronic equipment (EEE) and promotes the collection and recycling of such equipment.

We hereby declare that our products:

• Needle valves and Manifolds	**IV1X – IV2X – IV3X – IV5X**
• Monoflanges	**IVM**
• Ball valves with bore size smaller than NPS 1"/ DN 25	**BV**
• Monoblock valves with flange connection	**IBF1 – IBF2 – IBF3**
• Monoblock valves with threaded connection	**IBM1 – IBM2 – IBM3**
• Monoblock valves for sampling and injection	**IBS – IBJ**
• Piping ball valves flanged or threaded	**PBV-FS**
• Check valves	**CV**
• High pressure needle valves	**HPNV**
• High pressure ball valves	**HPBV**
• High pressure check valves	**HPCV**
• High pressure fitttings, accessories, adapters and couplings	**HPFA – HPAC**

do not fall within the scope of the above mentioned Directive as they cannot be considered EEE, as defined in art.3.

However, when they are assembled with EEE, they can be considered complying to the Delegated Directive **2015/863EU (RoHS3).**

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Signed of behalf of
Euromisure WIKA Instruments S.a.s. di WIKA Italia S.r.l.
Montegaldella, January 3rd, 2024

Simone Zarantonello
Technical Manager

Franco Bianucci
Quality Director

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To Whom it may concern

Date
22.03.2024

LS 031 6X7 & ASTM G 93 – Declaration of Compliance (EN 10204 – 2.2)

We hereby declare that our products:

• Needle valves and Manifolds	**IV1X – IV2X – IV3X – IV5X**
• Monoflanges	**IVM**
• Ball valves with bore size less than NPS 1"/ DN 25	**BV**
• Monoblock valves with flange connection	**IBF1 – IBF2 – IBF3**
• Monoblock valves with threaded connection	**IBM1 – IBM2 – IBM3**
• Monoblock valves for sampling and injection	**IBS – IBJ**
• Check valves	**CV**
• High pressure needle valves	**HPNV**
• High pressure ball valves	**HPBV**
• High pressure check valves	**HPCV**
• Accessories as brackets, adapters, fittings and tubing	**HPFA - HPAC**

are inspected and tested in compliance with the following Standard Practice:

LS 031 6X7 & ASTM G 93 – 03

Standard Practice for Cleaning Methods and Cleanliness Levels for Material and Equipment Used in Oxygen-Enriched Environments

Cleanliness Level
Non-volatile residue remaining: Level C – Less than 3 mg/ft2 (33 mg/m2)

Cleanliness Level is yearly checked by Solvent extraction method

For further information, do not hesitate to contact us at:

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Montegaldella, January 3rd, 2024

Simone Zarantonello
Technical Manager

Franco Bianucci
Quality Director

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To Whom it may concern

Date
03.01.2024

Information about the Pressure Equipment Directive (PED) 2014/68/EU

The new Pressure European Directive 2014/68/EU is effective from July 2016 and replaces the old PED 97/23/EC.

According to the Article 4 Par.3 of the directive, pressure equipment and assemblies below or equal to the limits set out in the regulation shall be designed and manufactured in accordance with the **Sound Engineering Practice** of a Member State in order to ensure a safe use.

According to directive, **the marking "CE" is not needed for the following products:**

• Needle valves and Manifolds	**IV1X – IV2X – IV3X – IV5X**
• Monoflanges	**IVM**
• Ball valves with bore size smaller than NPS 1"/ DN 25	**BV**
• Monoblock valves with flange connection	**IBF1 – IBF2 – IBF3**
• Monoblock valves with threaded connection	**IBM1 – IBM2 – IBM3**
• Monoblock valves for sampling and injection	**IBS – IBJ**
• Piping ball valves flanged or threaded	**PBV-FS**
• Check valves	**CV**
• High pressure needle valves	**HPNV**
• High pressure ball valves	**HPBV**
• High pressure check valves	**HPCV**
• High pressure fitttings, accessories, adapters and couplings	**HPFA – HPAC**

For further information, do not hesitate to contact us at:

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Montegaldella, January 3rd, 2024

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Technical Manager

Franco Bianucci
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To Whom it may concern

Date
03.01.2024

ISO 5208 Rate A – Declaration of Compliance

We hereby declare that our products:

• Needle valves and Manifolds	**IV1X – IV2X – IV3X – IV5X**
• Monoflanges	**IVM**
• Ball valves with bore size smaller than NPS 1"/ DN 25	**BV**
• Monoblock valves with flange connection	**IBF1 – IBF2 – IBF3**
• Monoblock valves with threaded connection	**IBM1 – IBM2 – IBM3**
• Monoblock valves for sampling and injection	**IBS – IBJ**
• Piping ball valves flanged or threaded	**PBV-FS**
• Check valves	**CV**
• High pressure needle valves	**HPNV**
• High pressure ball valves	**HPBV**
• High pressure check valves	**HPCV**
• High pressure fitttings, accessories, adapters and couplings	**HPFA – HPAC**

are inspected and tested in compliance with the following Standard:

ISO 5208
Industrial valves -- Pressure testing of metallic valves
Maximum allowable closure test leakage rate:
Rate A (No visually detectable leakage for the duration of the test – Liquid and gas)

For further information, do not hesitate to contact us at:

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To Whom it may concern

Date
03.01.2024

LS 031 6X7 & ASTM G 93 – Declaration of Compliance (EN 10204 – 2.2)

We hereby declare that our products:

• Needle valves and Manifolds	**IV1X – IV2X – IV3X – IV5X**
• Monoflanges	**IVM**
• Ball valves with bore size less than NPS 1"/ DN 25	**BV**
• Monoblock valves with flange connection	**IBF1 – IBF2 – IBF3**
• Monoblock valves with threaded connection	**IBM1 – IBM2 – IBM3**
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• High pressure ball valves	**HPBV**
• High pressure check valves	**HPCV**
• Accessories as brackets, adapters, fittings and tubing	**HPFA - HPAC**

are inspected and tested in compliance with the following Standard Practice:

LS 031 6X7 & ASTM G 93 – 03

Standard Practice for Cleaning Methods and Cleanliness Levels for Material and Equipment Used in Oxygen-Enriched Environments

Cleanliness Level
Non-volatile residue remaining: Level C – Less than 6 mg/ft2 (66 mg/m2)

Cleanliness Level is yearly checked by Solvent extraction method

For further information, do not hesitate to contact us at:

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To Whom it may concern

Date
03.01.2024

Information about the Explosive Atmospheres Directive (ATEX) 2014/34/EU

The new directive regarding equipment in potentially explosive atmospheres 2014/34/UE is effective from March 2014 and replaces the previous 94/9/CE.

The equipment manufactured by WIKA Instruments Italia **are excluded from the field of application of the directive 2014/34/EU since they do not present potential sources of ignition in themselves** as defined in the Article 1 Par.1 and Article 2 Par.1

Therefore, **the marking "ATEX" is not needed for the following products:**

• Needle valves and Manifolds	**IV1X – IV2X – IV3X – IV5X**
• Monoflanges	**IVM**
• Ball valves with bore size smaller than NPS 1"/ DN 25	**BV**
• Monoblock valves with flange connection	**IBF1 – IBF2 – IBF3**
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