



DECLARATION OF CONFORMITY




Kurz Instruments, Inc. declares in its sole responsibility that the Thermal Mass Flow Meter:

**K-BAR 2000B-HT, K-BAR 2000B-HHT,
K-BAR 2000B-WGF**

conforms with the requirements of the directives and standards listed below

2014/34/EU ATEX Directive – Equipment for potentially explosive atmospheres
EN IEC 60079 Standards for Equipment for Explosive Atmospheres
 EN IEC 60079-0:2018
 EN IEC 60079-7:2015+A1
 EU Type Examination Certificate ETL23ATEX0311X, Intertek Testing Services NA Ltd

Marking  II 3 G Ex ec IIC T4...T1 Gc
 Electronics: -40°C ≤ Ta ≤ 65°C
 Sensing Element: -40°C to 50°C (T4) or to 367°C (T1)

2014/35/EU LVD Low Voltage Directive
 This declaration is made on the basis that the above equipment has been designed and manufactured according to the essential health and safety requirements and the Low Voltage Directive and uses good engineering practice where other aspects of safety are concerned.

2014/30/EU EMC Electromagnetic Compatibility Directive
 The electromagnetic compliance of the K-BAR-2000B is in accordance with EN 61326-1 (2013) Class B industrial emissions standard, EN 61000 EMC immunity, compatibility, and surge requirements. All units must be installed per the field-wiring diagrams 342040 and 342041. Note a 12.7 mm aperture, clip-on Ferrite is required for all I/O wiring inside the enclosure, unless a shielded cable or shielded conduit is used for the I/O wiring connections

2014/68/EU PED Pressure Equipment Directive
 The K-BAR 2000B is rated for Category I applications. The flange size used to mount the K-BAR limits the maximum operation pressure.

Summary of PED ratings

Model	Size	Rating
K-BAR 2000B-HT	Up to 2" (DN 50) flange	Up to 20 BAR (300 PSI)
K-BAR 2000B-HHT	Up to 4" (DN 100) flange	Up to 10 BAR (150 PSI)
K-BAR 2000B-WGF	Over 4" (DN 100) flange	Up to 0.5 BAR (7.5 PSI)

2015/864/EU RoHS Reduction of Hazardous Substances in Electrical and Electronic Equipment
 All the electronics, enclosure and sensor parts used in this design comply with the requirements of the RoHS Directive.

2012/19/EU WEEE Waste of Electrical and Electronic Equipment
 Kurz Instruments is in compliance with the WEEE Directive and provides end users with information regarding the proper disposal/recycling in the product manual(s).

Signature Marty Vanderwoulen Title Sales Director

Name Marty Vandermolen Date 12 / 19 / 2023

Signature Certificate

Reference number: KXVQD-LDSMV-HT6EH-DKYRZ

Signer

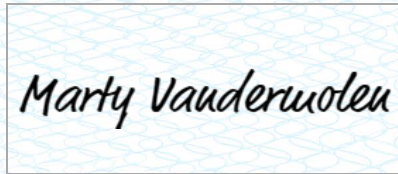
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Signature

Marty Vandermolen

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Sent: 18 Dec 2023 17:36:13 UTC
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