

# EU-Declaration of conformity



*This declaration of conformity is issued under the sole responsibility of us, the manufacturer.*

We **IMI Hydronic Engineering AB**  
**SE 524 80 Ljung**

*hereby declare that the equipment:*

**TA-Smart Control valve, PN16-25 DN65-80**

*Is in accordance with the following Directive(s):*

<b>2014/68/EU</b>	<b>Pressure Equipment Directive (PED)</b>
<b>2014/53/EU</b>	<b>Radio Equipment Directive (RED)</b>
<b>2014/30/EU</b>	<b>Electromagnetic Compatibility Directive (EMC)</b>
<b>2014/35/EU</b>	<b>Low Voltage Directive (LVD)</b>

*Official Declarations of Conformity offered by us for the TA-Smart Valve and SmartBox and by our suppliers for the BlueTooth module and for the TA-Slider actuator are available on the next pages.*

*In addition, we declare that our Integrated Management System is certified by **RISE Research Institutes of Sweden** in accordance with:*

Ref. no.	Title	Edition/date
<b>EN ISO 9001</b>	Quality management system (cert.: 2125)	2015
<b>EN ISO 14001</b>	Environmental management system (cert.: 2125 M)	2015
<b>EN ISO 45001</b>	Occupational Health and Safety Management (cert.: C001457)	2020

Name: Fredrik Johansson  
Position: Quality and Environmental Manager  
City: Ljung  
On: 2021-09-08



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- IMI PNEUMATEX
- IMI TA
- IMI HEIMEIER

# EU-Declaration of conformity



1. Pressure Equipment: **TA-Smart valve – PN 16-25 (DN 65-80)**
2. Manufacturer: **IMI Hydronic Engineering AB**  
**SE 524 80 Ljung**
3. This declaration of conformity is issued under the sole responsibility of the manufacturer.
4. These TA-Smart valves' intended use is control of flows in heating and cooling systems.

Pressure class: PN 16 and 25  
Dimensions: DN 65, 80

See marking label and/or body casting on the product to identify type.

The conformity assessment procedures applied are according to Module A.

5. The products are in conformity with DIRECTIVE 2014/68/EU also called "The PED Directive"


6. Harmonised standards and other technical specifications used:

Ref. no.	Title	Edition/date
EN 1563	Founding - Spheroidal graphite cast irons	2018
EN 12266-1	Industrial valves – Testing of metallic valves – Part 1	2012
EN 12516-1	Industrial valves - Shell design strength - Part 1: Tabulation method for steel valve shells	A1:2018
EN 12516-2	Industrial valves - Shell design strength - Part 2: Calculation method for steel valve shells	2014
EN 12516-3	Valves – Shell design strength – Part 3: Experimental method	AC:2003
EN 12516-4	Valves – Shell design strength – Part 4: Calculation method for valve shells manufactured in metallic materials other than steel	A1:2018

7. -

8. Our Integrated Management System is certified by **RISE Research Institutes of Sweden AB** in accordance with:

Ref. no.	Title	Edition/date
EN ISO 9001	Quality management system (cert.: 2125)	2015
EN ISO 14001	Environmental management system (cert.: 2125 M)	2015
EN ISO 45001	Occupational Health and Safety Management (cert.: c001457)	2020

  
Name: Fredrik Johansson  
Position: Quality and Environmental Manager  
City: Ljung  
On: 2021-09-06



## EU Declaration of Conformity



We, **Fanstel Corp.**,  
of **7466 E. Monte Cristo Ave. Ste 5, Scottsdale AZ 85260 USA**

Declare under our sole responsibility that the following product:

Name: Bluetooth module  
Model Numbers: BC805M, BC832, BC833E, BC833M, BM832, BM832A, BM832E, BM833, BM833E, BM833F, BT832, BT832F, BT840, BT840E, BT840F, BT840X, BT840XE.

Conforms with the relevant EU harmonization legislation:

**RE Directive** (2014/53/EU): ETSI EN300 328 V2.2.2.

**RE Directive** (2014/53/EU): EN 301 489-1/17

**RE Directive** (2014/53/EU): EN 50566:2017

**RE Directive** (2014/53/EU): EN 50563:2017

**Council Directive** (2014/35/EU, 93/68/EEC): EN60950-1:2006/A11:2010/A12:2011/A2:2013

**RoHS: Directive** 2011/65/EU, **Directive** 2015/863.

Yuan-Neng Fan, Ph.D.  
President  
Fanstel Corp.  
Scottsdale AZ USA  
April 19th, 2021



# EU-Declaration of conformity



1. Radio Equipment / Product type: **TA-Smartbox**

2. Manufacturer: **IMI Hydronic Engineering AB**  
**SE 524 80 Ljung**

3. This declaration of conformity is issued under the sole responsibility of the manufacturer.

4. The TA-Smartbox is the control unit built onto valves from IMI HE AB which together with an actuator controls the variable setting of the valves. The intended use is control functionality in waterborne cooling and heating systems.

See marking label on the product to identify type.

5. The products are in conformity with 2014/30/EU Electromagnetic Compatibility Directive (EMC) and 2014/35/EU Low Voltage Directive (LVD) and the fulfilment of the essential requirements have been demonstrated.

6. Harmonised standards and other technical specifications used:

Ref. no.	Title	Edition/date
ETSI EN 301 489-1	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements; Harmonised Standard for ElectroMagnetic Compatibility	V2.2.3 (2019-11)
ETSI EN 301 489-17	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for Broadband Data Transmission Systems; Harmonised Standard for ElectroMagnetic Compatibility	V3.2.2 (2019-12)
EN 61000-6-4	Electromagnetic compatibility (EMC) - Part 6-4: Generic standards - Emission standard for industrial environments	2007 2007/A1:2011 2019
EN61000-6-2	Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity standard for industrial environments	2005 2005/AC:2005 2019
EN6100-4-2	Electromagnetic compatibility (EMC) - Part 4-2: Testing and measuring techniques - Electrostatic discharge immunity test	
EN6100-4-3	Electromagnetic compatibility (EMC) - Part 4: Testing and measurement - Section 3: Radiated, radio-frequency, electromagnetic field immunity test	
EN6100-4-4	Electromagnetic compatibility (EMC) - Part 4-4: Testing and measurement techniques - Electrical fast transient/burst immunity test	
EN6100-4-5	Electromagnetic compatibility (EMC) - Part 4-5: Testing and measurement techniques - Surge immunity test	

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EN61000-4-6	Electromagnetic compatibility (EMC) Testing and measurement techniques. Immunity to conducted disturbances, induced by radio-frequency fields	
EN61000-4-11	Electromagnetic compatibility (EMC) Testing and measurement techniques. Voltage dips, short interruptions and voltage variations immunity tests	
EN6100-4-34	Electromagnetic compatibility (EMC) - Part 4-34: Testing and measuring techniques - Voltage dips, short interruptions and voltage variations immunity tests for equipment with input current more than 16 A per phase	
EN 61010-1	Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 1: General requirements (IEC 61010-1:2010/A1:2016/COR1:2019 (EQV))	2010/A1:2019/AC:2019-04

7. -

8. Our Integrated Management System is certified by **RISE Research Institutes of Sweden AB** in accordance with:

Ref. no.	Title	Edition/date
<b>EN ISO 9001</b>	Quality management system (cert.: 2125)	2015
<b>EN ISO 14001</b>	Environmental management system (cert.: 2125 M)	2015
<b>EN ISO 45001</b>	Occupational Health and Safety Management (cert.: c001457)	2020

  
**Name:** Fredrik Johansson  
**Position:** Quality and Environmental Manager  
**City:** Ljung  
**On:** 2021-09-02



# Declaration of conformity

(in accordance with ISO/IEC 17050-1)

We **IMI Hydronic Engineering**  
**Olewin 50A, 32-300 Olkusz, Poland**

in accordance with the following Directive(s):

**2014/30/EU**            **The Electromagnetic Compatibility Directive (EMC)**  
**2011/65/EU**            **RoHS 2 Directive**  
**2014/35/EU**            **The Low Voltage Directive (LVD)** (applicable for version HV 115/230V)

hereby declare that the equipment:

**TA – Slider 750**            **Digitally configurable proportional push-pull actuator.**  
**Type standard and plus.**

is in conformity with the applicable requirements of the following document(s):

Ref. no.	Title	Edition/date
<b>EN 60730-1</b>	Automatic electrical controls for household and similar use - Part 1: General requirements	2016
<b>EN 60730-2-14</b>	Automatic electrical controls for household and similar use - Part 2-14: Particular requirements for electric actuators	2004 +A2:2009
<b>EN 50581</b>	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances	2013
<b>TA-SLIDER 750</b>	Technical specification – TA-Slider 750	2018

Our Integrated Management System is certified by **TÜV SÜD Management Service GmbH** in accordance with:

Ref. no.	Title	Edition/date
<b>ISO 9001</b>	Quality management system (cert.: 1210042496TMS)	2015
<b>ISO 14001</b>	Environmental management system (cert.: 1210442496TMS)	2015
<b>ISO 50001</b>	Energy management system (cert. no.: 1234042496TMS)	2011
<b>OHSAS 18001</b>	Occupational Health and Safety Management (cert.: 1211642496TMS)	2007

*Piotr Król*

Name:            Piotr Król  
Position:        Quality Manager  
City:             Olkusz  
On:                2018-07-11

IMI International Sp. z o.o.  
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**IMI** Hydronic  
Engineering  
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