



EU Declaration of Conformity

We, **IMI Hydronic Engineering AB, SE 524 80 Ljung, Sweden** under the sole responsibility of the manufacturer, hereby declare that:

Product:	Intended use:
TA-SMART Fail Safe	2-way control valve with uniquely shaped EQM characteristics with flow, temperature and power measurement capabilities

Important informations:	
Type:	CE Mark
PN 25, DN 15-50	YES
PN16-25, DN 65-125	YES

is/are compliant with the relevant Union harmonisation legislation:

Ref. no.:	Title:
Directive 2014/68/EU	Pressure Equipment Directive (PED)*
Directive 2014/30/EU	Electromagnetic Compatibility Directive (EMC)
Directive 2014/53/EU	Radio Equipment Directive (RED)

* - only for DN50 and higher

and to the relevant harmonized and other standards used or to the technical specifications:

Ref. no.:	Title:
PMA Ametal ver.1	PMA Ametal
EN 1563:2018	Founding -- Spheroidal graphite cast irons
EN 12266-1:2012	Industrial valves - Testing of metallic valves - Part 1: Pressure tests, test procedures and acceptance criteria - Mandatory requirements
EN 12516-4:2014+A1:2018	Industrial valves -- Shell design strength -- Part 4: Calculation method for valve shells manufactured in metallic materials other than steel
EN 12516-3:2002	Valves - Shell design strength - Part 3: Experimental method

EN 61010-1:2010 as amended	Safety requirements for electrical equipment for measurement, control, and laboratory use -- Part 1: General requirements
ETSI EN 301 489-1 V1.9.2:2012	Electromagnetic compatibility and Radio spectrum Matters (ERM) - ElectroMagnetic Compatibility (EMC) standard for radio equipment and services - Part 1: Common technical requirements
ETSI EN 301 489-17 V3.2.4:2020	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services - Part 17: Specific conditions for Broadband Data Transmission Systems - Harmonised Standard for ElectroMagnetic Compatibility
ETSI EN 300 328 V2.2.2:2019	Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz band; Harmonised Standard for access to radio spectrum
EN 61000-6-4:2007 as amended	Electromagnetic compatibility (EMC) - Part 6-4: Generic standards - Emission standard for industrial environments
EN 60730-1:2011	Automatic electrical controls for household and similar use - Part 1: General requirement
EN 60730-2-14:1997 as amended	Automatic electrical controls for household and similar use - Part 2: Particular requirements for electric actuator
EN 61000-6-2:2005 as amended	Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity for industrial environments

Ljung 03.02.2024 r.



Fredrik Johansson
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