

# 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-DP | 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 | The 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<br>as amended     | Safety requirements for electrical equipment for measurement, control, and laboratory use -- Part 1: General requirements  |
| ETSI EN 301 489-1<br>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<br>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<br>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<br>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<br>as amended  | Automatic electrical controls for household and similar use - Part 2: Particular requirements for electric actuator  |
| EN 61000-6-2:2005<br>as amended   | Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity for industrial environments   |

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