

## EU Declaration of Conformity



This declaration of conformity is issued under the sole responsibility of the manufacturer:

**CAREL Industries S.p.A.** Via dell'Industria, 11 35020 Brugine (PD) Italy

### E4V - Electronic expansion valve

Code	Description
<b>E4Vaabccde</b>	E4V Electronic expansion valve
<b>aa:</b>	<b>Orifice size</b> <b>55</b> = 5,5 mm; <b>65</b> = 5,5 mm; <b>85</b> = 8,5 mm; <b>95</b> = 9,5 mm <b>A1</b> = 11 mm
<b>b:</b>	<b>Version (internal code): A, B, H</b>
<b>cc:</b>	<b>Connection fittings :</b> <b>SS</b> = copper 22x28 mm; <b>ST</b> = copper 28x35 mm <b>SU</b> = copper 35x42 mm; <b>WT</b> = copper 1-1/8" x 1-3/8"
<b>d:</b>	<b>Sight glass option:</b> <b>0</b> = with sight glass - Neoprene gasket <b>1</b> = without sight glass - Neoprene gasket <b>2</b> = with sight glass and humidity indicator - Neoprene gasket <b>3</b> = EPDM gasket
<b>e:</b>	<b>Packaging:</b> <b>0</b> = single package ; <b>1</b> = multiple package

*note: some options combinations are not feasible*

The object of the declaration described above is in conformity with the relevant Union harmonisation legislation:

Directive **2014/68/EU** (PED),

Directive **2011/65/EU** (RoHS),

and comply with the requirements of the following European Harmonized Standards:

**PED: EN 10204**

Carel item code	Description	DN	Fluid group	Cat. PED 2014/68/EU	Max PS, bar
E4VxxxSSxx	E4V any orifice size, copper 22 x 28	28	1	I	35
			2	Art. 4, par. 3	45
E4VxxxSTxx	E4V any orifice size, copper 28 x 35	35	1	I	28
			2	I	45
E4VxxxWTxx	E4V any orifice size, copper 1 1/8 x 1 3/8	35	1	I	28
			2	I	45
E4VxxxSUxx	E4V any orifice size, copper 35 x 42	42	1	I	23.5
			2	I	45

**RoHS: EN 50581**

*Supplementary information:* Carel tested the products object of this declaration as required by relevant standards indicated, by using a typical test setup that cannot be representative of all the application conditions. OEM is responsible of the compliance to relevant directives and standards of the complete final equipment where the Carel products object of this declaration are integrated or incorporated.

Conformity assessment procedure : Module A

Brugine, 10<sup>th</sup> August 2016

Signed for and on behalf of:

CAREL INDUSTRIES S.p.A.

Technical Director

Ing. Umberto Bianchini

