



Instruction for components with ATEX approval



Instruction no. 180R9106

This instruction is a supplement to the existing product instruction due to some limitations for ATEX components compared to standard components. The limitations are described in this ATEX instruction.

Validity:

Approvals are only related to water as fluid. If other fluids are used they must be nonflammable fluids and comply with standard EN 13463-5 § 7.5.5.

Gases

The valves are produced in materials resistant to most common gases. The user of the valves must secure that the materials used are resistant to the gases applied.

Temperature:

The valves must only be used in systems where the temperature for the pressure medium does not exceed a higher temperature than 60 ° C. Please see standard EN 982 § 5.3.4.4.1 and note 8

This ATEX approval is only valid, if valves with ATEX label are combined the following coils:

- type BO with type approval licence No. DEMKO 00 ATEX 128981X

Voltage	Code no.
24V, 50/60 Hz	018Z6595
48V, 50/60 Hz	018Z6594
110V, 50/60 Hz	018Z6593
230V, 50/60 Hz	018Z6592
240V, 50/60 Hz	018Z6591
24V DC	018Z6596

or

- type BP, with type approval licence No. DEMKO 99 ATEX 125688X

Voltage	Code no.
24V DC	018Z6633






Instruction for components with ATEX approval

Ex **CE II 2 G T4**

Note:

If the valves are combined with other valves than those mentioned in this instruction, the approval is not valid

Combination survey for valve types and coils.

Valve types with following label	Code number for coils						
	018Z6591	018Z6592	018Z6593	018Z6594	018Z6595	018Z6596	018Z6633
 <div style="border: 1px solid black; padding: 5px; display: inline-block; margin-left: 100px;">Example</div>							
VDH 30 EC 4/3 NO/NC	X	X	X	X	X	X	X
VDH 60 EC 4/3 NO/NC	X	X	X	X	X	X	X
VDH 30 EC 3/2 NO/NC	-	-	-	-	-	-	X
VDH 2 E 2/2 NO/NC	X	X	X	X	X	X	X
VDH 30 EC 2/2 NO/NC	X	X	X	X	X	X	X
VDH 30 / 60 E 2/2 NO/NC	X	X	X	X	X	X	X
VDH 120 E 2/2 NO/NC	X	X	X	X	X	X	X
VDH 120 EM 2/2 NC	X	X	X	X	X	X	X
VPH 15 E NO/NC	X	X	X	X	X	X	X
VDHT xx E/EA NO/NC	X	X	X	X	X	X	X
VDHT xx E/EA HP NO/NC	X	X	X	X	X	X	X
VDHT xx ED/EA NO/NC	X	X	X	X	X	X	X
VDHT xx EAM NO/NC	X	X	X	X	X	X	X
VDHT xx EC NO/NC	X	X	X	X	X	X	X
VDHT B2 NO/NC	-	-	-	-	-	-	X
VDHT BL2 NO/NC	-	-	-	-	-	-	X
VDHT BLM2 NO/NC	-	-	-	-	-	-	X
VDHT xx 3/2 NO/NC	-	-	-	-	-	-	X

Ex **CE II 2 G T4**



EU Declaration of Conformity

Danfoss A/S
High-Pressure Water Solutions
DK - 6430 Nordborg, Denmark

we hereby declare on our sole responsibility that the following product(s):

Nessie® Valves, type:

VDH 30 EC 4/3 NO/NC	VDH 2 E 2/2 NO/NC	VDHT xx E/EA NO/NC
VDH 60 EC 4/3 NO/NC	VDH 30 EC 2/2 NO/NC	VDHT xx E/EA HP NO/NC
VDH 30 EC 3/2 NO/NC	VDH 30 / 60 E 2/2 NO/NC	VDHT xx ED/EA NO/NC
	VDH 120 E 2/2 NO/NC	VDHT xxx EAM NO/NC
	VDH 120 EM 2/2 NC	VDHT xx EC NO/NC
		VDHT Bxx NO/NC
		VDHT Bxx NO/NC
	VPH 15 E NO/NC	VDHT BLMxx NO/NC
		VDHT xx 3/2 NO/NC

combined with coils:

- type BO with type approval licence No. DEMKO 00 ATEX 128981X

or

- type BP, with type approval licence No. DEMKO 99 ATEX 125688X

covered by this declaration have been manufactured confirming to requirements in the ATEX directive 94/9/EF

and that

- the following harmonized standards have been applied:
EN 1127-1, EN 13463-1, EN 13463-5 and EN 50014.

The valves have been designed and manufactured for the material group II, category 2G of the ATEX directive.

The technical dossier has been sent to the notified body, No. 0396, Technological Institute, DK-8000 Aarhus to be stored.

Nordborg, 2005-06-09

R & D Manager