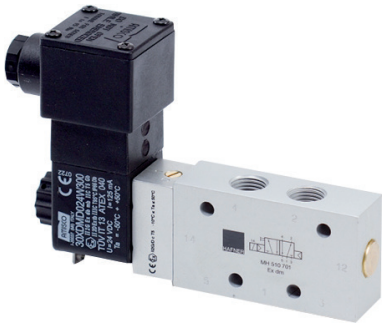
ATEX-approved valves – **Ex dm** – standard temperature range – aluminum



Material:	Aluminum, anodized
Zone:	1, 2, 21, 22
Temperature range:	-10°C ... +50°C
Ignition protection type:	Ex dm (encapsulated-flameproof with junction box)
Temperature class:	T5
Marking on valve:	CE Ex II 2 G Ex h IIC T6 Gb -10°C ≤ Ta ≤ +50°C CE Ex II 2 D Ex h IIIC T80°C Db -10°C ≤ Ta ≤ +50°C

Base plate assembly due to width of solenoid coil (36 mm) is not possible.

Encapsulated flameproof solenoids are displayed on page 2.14.3.7.5.

A low temperature version for -20°C ... +50°C is also available on request. Please note that the system is restricted by the minimum ambiente temperature for the coil of -20°C.

The following **solenoid valves** are available:

Type	Function	Port size	Installation	Further inform. on valve
MH 210 501 Ex dm	2/2-way, single sol.	G 1/8"	in-line	2.5.1.1.13
MH 210 701 Ex dm	2/2-way, single sol.	G 1/4"	in-line	2.5.1.1.13
MH 311 012 Ex dm	3/2-way direct acting	M5	in-line	2.5.1.1.2
MH 311 015 Ex dm	3/2-way direct acting	G 1/8"	in-line	2.5.1.1.2
MH 310 501 Ex dm	3/2-way, single sol.	G 1/8"	in-line	2.5.1.1.14
MOH 310 501 Ex dm	3/2-way, n.o. single sol.	G 1/8"	in-line	2.5.1.1.14
MH 310 701 Ex dm	3/2-way, single sol.	G 1/4"	in-line	2.5.1.1.14
MOH 310 701 Ex dm	3/2-way, n.o. single sol.	G 1/4"	in-line	2.5.1.1.14
MH 310 801 Ex dm	3/2-way, single sol.	G 1/4"	in-line	2.5.1.1.14
MOH 310 801 Ex dm	3/2-way, n.o. single sol.	G 1/4"	in-line	2.5.1.1.14
MH 310 101 Ex dm	3/2-way, single sol.	G 3/8"	in-line	2.5.1.1.15
MOH 310 101 Ex dm	3/2-way, n.o. single sol.	G 3/8"	in-line	2.5.1.1.15
MH 310 121 Ex dm	3/2-way, single sol.	G 1/2"	in-line	2.5.1.1.15
MOH 310 121 Ex dm	3/2-way, n.o. single sol.	G 1/2"	in-line	2.5.1.1.15
MH 320 501 Ex dm	3/2-way, double sol.	G 1/8"	in-line	2.5.1.1.18
MH 320 701 Ex dm	3/2-way, double sol.	G 1/4"	in-line	2.5.1.1.18
MH 320 801 Ex dm	3/2-way, double sol.	G 1/4"	in-line	2.5.1.1.18
MH 320 101 Ex dm	3/2-way, double sol.	G 3/8"	in-line	2.5.1.1.19
MH 320 121 Ex dm	3/2-way, double sol.	G 1/2"	in-line	2.5.1.1.19
MH 510 501 Ex dm	5/2-way, single sol.	G 1/8"	in-line	2.5.2.1.3
MH 510 701 Ex dm	5/2-way, single sol.	G 1/4"	in-line	2.5.2.1.3
MH 510 801 Ex dm	5/2-way, single sol.	G 1/4"	in-line	2.5.2.1.3
MH 510 101 Ex dm	5/2-way, single sol.	G 3/8"	in-line	2.5.2.1.4
MH 510 121 Ex dm	5/2-way, single sol.	G 1/2"	in-line	2.5.2.1.4
MH 520 501 Ex dm	5/2-way, double sol.	G 1/8"	in-line	2.5.2.1.9
MH 520 701 Ex dm	5/2-way, double sol.	G 1/4"	in-line	2.5.2.1.9
MH 520 801 Ex dm	5/2-way, double sol.	G 1/4"	in-line	2.5.2.1.9
MH 520 101 Ex dm	5/2-way, double sol.	G 3/8"	in-line	2.5.2.1.10
MH 520 121 Ex dm	5/2-way, double sol.	G 1/2"	in-line	2.5.2.1.10
MH 53_ 501 Ex dm	5/3-way, different version	G 1/8"	in-line	2.5.3.1.2
MH 53_ 701 Ex dm	5/3-way, different version	G 1/4"	in-line	2.5.3.1.2
MH 53_ 801 Ex dm	5/3-way, different version	G 1/4"	in-line	2.5.3.1.2
MH 53_ 101 Ex dm	5/3-way, different version	G 3/8"	in-line	2.5.3.1.3
MH 53_ 121 Ex dm	5/3-way, different version	G 1/2"	in-line	2.5.3.1.3

Valves with interface according to NAMUR-standard				
Type	**Function**	**Port size**	**Installation**	**Further inform. on valve**
MNH 350 701 Ex dm	3/2-way & 5/2-way	G 1/4"	1/4" NAMUR	2.9.1.3
MNH 310 701 Ex dm	3/2-way, single sol.	G 1/4"	1/4" NAMUR	2.9.1.1.1
MNH 310 711 Ex dm	3/2-way, single sol.	G 1/4"	1/4" NAMUR	2.9.1.1.1
MNH 310 121 Ex dm	3/2-way, single sol.	G 1/2"	1/2" NAMUR	2.9.1.1.2
MNH 510 701 Ex dm	5/2-way, single sol.	G 1/4"	1/4" NAMUR	2.9.1.2.1
MNH 510 711 Ex dm	5/2-way, single sol.	G 1/4"	1/4" NAMUR	2.9.1.2.1
MNH 510 121 Ex dm	5/2-way, single sol.	G 1/2"	1/2" NAMUR	2.9.1.2.2
MNH 520 701 Ex dm	5/2-way, double sol.	G 1/4"	1/4" NAMUR	2.9.1.2.3
MNH 520 121 Ex dm	5/2-way, double sol.	G 1/2"	1/2" NAMUR	2.9.1.2.3
MNH 53_ 701 Ex dm	5/3-way, different version	G 1/4"	1/4" NAMUR	2.9.1.4
MNH 53_ 121 Ex dm	5/3-way, different version	G 1/2"	1/2" NAMUR	2.9.1.4

Delivery contains valve with appropriate operator system, coil, manual and declaration of conformity.

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