

4/2, 5/2 AND 5/3 SOLENOID VALVES DIRECT OR PILOT OPERATED

Product Index



Function	ΔP		Temperature		Pipe connections	Series	Page
	min. (bar)	max. (bar)	min. (°C)	max. (°C)			
BRASS BODY							
4/2	0	9	-20	+70	monostable/bistable	1/4 - 3/8	V803
4/2	0,7	17	-20	+85	monostable	1/4 .. 1	V805
5/2	0	10	-40	+60	monostable/bistable, IP67, IEC 61508	1/4	V826
5/2 (3/2 NC)	0	10	-40	+60	NAMUR, monostable/bistable, IP67, IEC 61508	1/4	V872
ALUMINIUM BODY							
5/2-5/3	2	10	-25	+60	monostable/bistable, IEC 61508	1/4 - 1/2	V820
5/2-5/3	0	10	-25	+60	monostable/bistable, IP67, IEC 61508	1/4 - 1/2	V821
5/2 (3/2 NC) - 5/3	2	10	-25	+60	NAMUR, monostable/bistable, IEC 61508	1/4 - 1/2	V860
5/2 (3/2 NC) - 5/3	0	10	-25	+60	NAMUR, monostable/bistable, IP67, IEC 61508	1/4 - 1/2	V862
5/2 (3/2 NC)	2	8	-20	+60	NAMUR, monostable/bistable, IP65	1/4	V865
ACCESSORIES AND OPTIONS							
Supply rail for series 551/553... (5/2-5/3)						-	V614 Sect.E

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(Potentially explosive atmospheres, see page 3)

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V800-1

pipe connections			body material	orifice size (mm)	min. operating pressure differential (bar)		max. operating pressure differential (bar)								fluid temperature range		power coil		series	page													
M5	1/8	1/4			3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	air	water	oil	air	inert gases			water	oil	other liquids	vacuum	air	inert gases	gas	water	oil	other liquids	vacuum	min.	max.
4/2 - MONOSTABLE FUNCTION																																	
							4,8	0				9	-	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-20	+70	20	-	342	V803
							6,4					9	-	9	-	-	9	-	9	-	-	-	-	-	-	-	-			10,5	11,2		
							9,5	0,7	1,7			9	-	9	-	-	9	-	9	-	-	-	-	-	-	-	-	-20	+85	10,5	11,2	344	V805
							19					9	-	9	-	-	9	-	9	-	-	-	-	-	-	-	-			10,5	11,2		
												9	-	17	-	-	17	-	17	-	-	-	-	-	-	-	-			16,7	16,8		
												9	-	17	-	-	17	-	17	-	-	-	-	-	-	-	-			16,7	16,8		
												9	-	17	-	-	17	-	17	-	-	-	-	-	-	-	-			16,7	16,8		
												9	-	17	-	-	17	-	17	-	-	-	-	-	-	-	-			16,7	16,8		
4/2 - BISTABLE FUNCTION																																	
							4,8	0				9	-	9	-	-	-	-	-	-	-	-	-	-	-	-	-20	+70	15,4	-	342	V803	
5/2 (3/2 NC) - MONOSTABLE OR BISTABLE FUNCTION																																	
							6	2(0)				10	-	-	-	-	10	-	-	-	-	-	-	-	-	-25	+60	1,1	1,2	551	V820		
							13	2(0)				10	-	-	-	-	10	-	-	-	-	-	-	-	-	-25	+60	10,5	11,2	553	V821		
							6	2(0)		(1)		10	-	-	-	-	10	-	-	-	-	-	-	-	-	-40	+60	10,5	11,2	551	V826		
							6	2(0)				10	-	-	-	-	10	-	-	-	-	-	-	-	-	-25	+60	1,1	1,2	551	V860		
							13	2(0)				10	-	-	-	-	10	-	-	-	-	-	-	-	-	-25	+60	10,5	11,2	553	V862		
							6	2				8	-	-	-	-	8	-	-	-	-	-	-	-	-	-20	+60	2,5	3	521	V865		
							6	2(0)		(1)		10	-	-	-	-	10	-	-	-	-	-	-	-	-	-40	+60	10,5	11,2	551	V872		
5/2 (3/2 NC) - MONOSTABLE FUNCTION - CERTIFIED IEC 61508 FUNCTIONAL SAFETY DATA																																	
							6	2(0)				10	-	-	-	-	10	-	-	-	-	-	-	-	-	-25	+60	1,1	1,2	551	V820		
							13	2(0)				10	-	-	-	-	10	-	-	-	-	-	-	-	-	-25	+60	10,5	11,2	553	V821		
							6	2(0)		(1)		10	-	-	-	-	10	-	-	-	-	-	-	-	-	-40	+60	10,5	11,2	551	V826		
							6	2(0)				10	-	-	-	-	10	-	-	-	-	-	-	-	-	-25	+60	10,5	11,2	551	V872		
							6	2(0)		(1)		10	-	-	-	-	10	-	-	-	-	-	-	-	-	-40	+60	10,5	11,2	551	V872		
5/3 - W1, PRESSURE HELD, AND W3, PRESSURE RELEASE																																	
							6	2(0)		(1)		10	-	-	-	-	10	-	-	-	-	-	-	-	-	-25	+60	1,1	1,2	551	V820		
							13	2(0)				10	-	-	-	-	10	-	-	-	-	-	-	-	-	-25	+60	10,5	11,2	553	V821		
							6	2(0)				10	-	-	-	-	10	-	-	-	-	-	-	-	-	-25	+60	1,1	1,2	551	V860		
							13	2(0)				10	-	-	-	-	10	-	-	-	-	-	-	-	-	-25	+60	10,5	11,2	553	V862		

(1) Consult our catalogue «Pilot valves for the process industry» at: www.asconumatics.eu
(Potentially explosive atmospheres, see page 3)

 operators (See Explosionproof Solenoids section)				group II																			
				dusts		gas / dusts																	
				zone 22	zones 2 - 22	zones 1 - 21 or 1					zones 0-20 or 0-21												
				3 D Ex tc	3 G Ex nA 3 D Ex tb	2 G Ex d 2 D Ex t		2 G Ex e mb 2 D Ex tb		2 G Ex mb 2 D Ex mb		1 G Ex ia 1 D Ex ia		1 G Ex ia 1 D Ex ia IIC	1 G Ex ia 2 D Ex ib IIC	1 G Ex ia 2 D Ex tb IIC							
power coil (W)	V1068 (IIC T1-15°C Dc IP65X)	V1061 (IIC T6..T4 Gc / IIC IP65 T85°C..T135°C Dc)	V1008 (IIB+H2 Gb, IIC Db IP66/IP67)	V1010 (IIC T6..T4 Gb / IIC Db IP66/67)	V1046 (IIC T4 Gb, IIC T135°C Db IP67)	V1047 (IIC T6..T3 Gb / Ex tb IIC Db IP66/67)	V1035 (IIC Gb / IIC Db IP67)	V1056 (IIC T6..T4 Ga, IIC T85°C..T135°C IP65 Da)	(1) (IIC T6)	V1057 (IIC T6 Ga, T85°C Db IP67)	V1049 (IIC T6 Ga, T85°C IP66/IP67 Db)	(1) (IIC T6 Ga / IIC T85°C IP66/IP67 Db)											
page	series	AC (~)	DC (=)	SG (XM5)	SG (C25)	302	(WS)LPKF (M6)	NF (MXX)	NF (M12)	WSNF (MXX)	WSNF (M12)	314/LPKF pilot	WBLP	(WS)EM (MXX)	(WS)EM (M12)	PV (EM5)	PV (EMXX)	302	630 (piezotronic) (1)	195/LISC	LI/WSLI	NFIS/WSNFIS (1)	
V803	342	15,4 20	-																				
V805	344	10,5 16,7 -	11,2 -																				
V820	551 553	2,5 -	-													4			2GD	(1)			
V821	551 553	10,5	11,2																				
V826	551	10,5	11,2																				
V860	551 553	2,5 -	-													4			2GD	(1)			
V862	551 553	10,5	11,2																				
V872	551	10,5	11,2																				

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