



### Series 515

#### General

NAMUR valves are 5/2 and 4/2 valves and electrovalves, piloted electrically or pneumatically, utilised primarily to operate rotary actuators and wherever there is a NAMUR standard installation plan.

The product is classified for use in potentially explosive atmospheres (Directive 2014/34/EU).

**NAMUR** valves have been developed using the latest, technical design solutions which guarantee flexibility and an increased flow rate capacity exceeding that of traditional, spool valves.

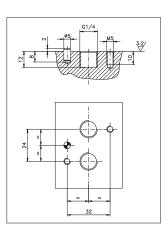
In addition, they have been produced with innovative materials which guarantee increased performance.

### **IMPORTANT:**

Differs from version 514 because it is supplied without a plate.

"NAMUR" interface dimensions: according to standard (VDI/VDE 3847 July 2003)





#### **Construction characteristics**

Body	Aluminium
Body Spacer	Technopolymer
Seals	Nitrile rubber
Springs	Stainless Steel
Springs Operators	Technopolymer
Spools	Steel
Screws	Zinc coated Steel / Stainless steel

Overall dimensions and technical information are provided solely for informative purposes and may be modified without notice

### Certifications available:

SOLENOID VALVES WITH XMB OR XMC 3GD COIL

C€ <sup>(</sup><sup>(</sup>) II 3G Ex h IIB T4 Gc X C€ <sup>(</sup>() II 3D Ex h IIIC T120°C Dc X IP65

MECHANICAL AND PNEUMATIC VALVES WITHOUT COILS



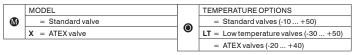
. C€ ⓑ II 2G Ex h IIB T5 Gc X C€ ⓑ II 2D Ex h IIIC T96℃ Dc X IP65



### Pneumatic - Differential

Operational characteristics			
Fluid	Filtered air. No lubrication needed, if applied it shall be continuous		
Max working pressure (bar)	10		
Temperature °C	Standard valves (-10 +50) Low temperature valves (-30 +50) ATEX valves (-20 +40)		
Flow rate at 6 bar with $\Delta p=1$ (NI/min)	1100		
Orifice size (mm)	8		
Working ports size	G 1/4"		

### Coding: **@**515.52.00.16**@**





Weight 245 g Minimum pilot pressure 2,5 bar Maximum fitting torque 9 N/m

Pneumatic - Pneumatic

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#### Coding: **@**515.52.00.18**@**

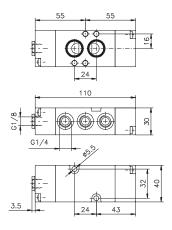
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Operational characteristics			
Fluid	Filtered air. No lubrication needed, if applied it shall be continuous		
Max working pressure (bar)	10		
Temperature °C	Standard valves (-10 +50) Low temperature valves (-30 +50) ATEX valves (-20 +40)		
Flow rate at 6 bar with $\Delta p=1$ (NI/min)	1100		
Orifice size (mm)	8		
Working ports size	G 1/4"		

	MODEL	TEMPERATURE OPTIONS
M	= Standard valve	= Standard valves (-10 +50)
	X = ATEX valve	LT = Low temperature valves (-30 +50)
		= ATEX valves (-20 +40)



Weight 245 g Minimum pilot pressure 2,5 bar Maximum fitting torque 9 N/m







# Pneumatic - Spring

Operational characteristics		
Fluid	Filtered air. No lubrication needed, if applied it shall be continuous	
Max working pressure (bar)	10	
Temperature °C	Standard valves (-10 +50) Low temperature valves (-30 +50) ATEX valves (-20 +40)	
Flow rate at 6 bar with $\Delta p=1$ (NI/min)	1100	
Orifice size (mm)	8	
Working ports size	G 1/4"	

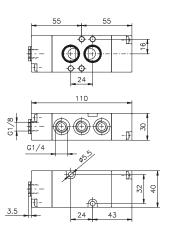
### Coding: **@**515.52.00.19**@**

	MODEL		TEMPERATURE OPTIONS	
M	= Standard valve		= Standard valves (-10 +50)	
-	X = ATEX valve		LT = Low temperature valves (-30 +50)	
			= ATEX valves (-20 +40)	

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Weight 245 g Minimum pilot pressure 2,5 bar Maximum fitting torque 9 N/m





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### Solenoid-Solenoid

Operat	ional characteristics		MODEL	-
Fluid	Filtered air. No lubrication needed, if applied it shall be		= Sta	andard valve
	continuous		X = AT	EXvalve
Max working pressure (bar)	10		VOLTAG	E
	Standard valves (-10 +50)		B04 =	12 VDC
Temperature °C	Low temperature valves (-30 +50) ATEX valves (-20 +40)		B05 =	24 VDC
Flow rate at 6 bar with $\Delta p = 1$ (NI/min)	1100	1	B09 =	24 VDC (
Orifice size (mm)	8	1	B56 =	24V (50-
Working ports size	G 1/4"	1	B57 =	110V (50
		1	B58 =	230 V (5
			C04 =	12 VDC
		0	C05 =	24 VDC
		U	C09 =	24 VDC (
			C56 =	24 V (50-
			C57 =	110 V (50
			C58 =	230 V (5
			F04 =	12 VDC
			F05 =	24 VDC
			F56 =	24 V (50-
			F57 =	110 V (50
		1		



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230 V (50-60 Hz) 12 VDC 24 VDC 24 VDC (2W) 24 V (50-60 Hz) 110 V (50-60 Hz)

230 V (50-60 Hz) 12 VDC 24 VDC 24 V (50-60 Hz)

110 V (50-60 Hz)

230 V (50-60 Hz)

F58 =

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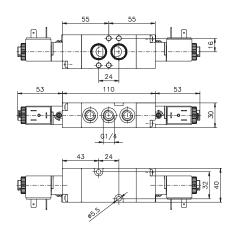
12 VDC 24 VDC 24 VDC (2W) 24V (50-60 Hz) 110V (50-60 Hz)

Coding:

LT = Low temperature valves (-30 ... +50) = ATEX valves (-20 ... +40)

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Weight 415 g Minimum pilot pressure 2,5 bar Maximum fitting torque 9 N/m



TEMPERATURE OPTIONS

= Standard valves (-10 ... +50)

LT = Low temperature valves (-30 ... +50) = ATEX valves (-20 ... +40)

# Solenoid-Differential

Operational characteristics		
Fluid	Filtered air. No lubrication needed, if applied it shall be continuous	
Max working pressure (bar)	10	
Temperature °C	Standard valves (-10 +50) Low temperature valves (-30 +50) ATEX valves (-20 +40)	
Flow rate at 6 bar with $\Delta p=1$ (NI/min)	1100	
Orifice size (mm)	8	
Working ports size	G 1/4"	

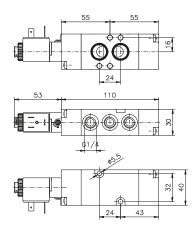
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	MOD	EL-			
M	<ul> <li>Standard valve</li> </ul>				
	X =	ATEX va	alve		
	VOLT	AGE			
	B04	=	12 VDC		
	B05	=	24 VDC		
	B09	=	24 VDC (2W)		
	B56	=	24V (50-60 Hz)		
	B57	=	110V (50-60 Hz)		
	B58	=	230 V (50-60 Hz)		
	C04	=	12 VDC		
•	C05	=	24 VDC		
U	C09	=	24 VDC (2W)		
	C56	=	24 V (50-60 Hz)		
	C57	=	110 V (50-60 Hz)		
	C58	=	230 V (50-60 Hz)		
	F04	=	12 VDC		
	F05	=	24 VDC		
	F56	=	24 V (50-60 Hz)		
	F57	=	110 V (50-60 Hz)		
	F58	=	230 V (50-60 Hz)		

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Coding:

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Weight 330 g Minimum pilot pressure 2,5 bar Maximum fitting torque 9 N/m

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## Solenoid - Spring

	Filtered air. No lubrication needed, if applied it shall be
Fluid	continuous
Max working pressure (bar)	10
Temperature °C	Standard valves (-10 +50) Low temperature valves (-30 +50) ATEX valves (-20 +40)
Flow rate at 6 bar with $\Delta p=1$ (NI/min)	1100
Orifice size (mm)	8
Working ports size	G 1/4"

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	MODEL					
	= Standard valve					
	Χ =	ATEX va	alve			
	VOLT	AGE				
	B04	=	12 VDC			
	B05	=	24 VDC			
	B09	=	24 VDC (2W)			
	B56	=	24V (50-60 Hz)			
	B57	=	110V (50-60 Hz)			
	B58	=	230 V (50-60 Hz)			
	C04	=	12 VDC			
	C05	=	24 VDC			
'	C09	=	24 VDC (2W)			
	C56	=	24 V (50-60 Hz)			
	C57	=	110 V (50-60 Hz)			
	C58	=	230 V (50-60 Hz)			
	F04	=	12 VDC			
	F05	=	24 VDC			
	F56	=	24 V (50-60 Hz)			
	F57	=	110 V (50-60 Hz)			
	F58	=	230 V (50-60 Hz)			

 TEMPERATURE OPTIONS

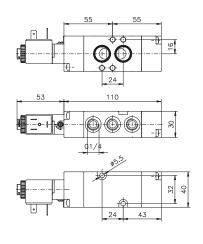
 = Standard valves (-10... +50)

 LT = Low temperature valves (-30... +50)

 = ATEX valves (-20... +40)

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Weight 330 g Minimum pilot pressure 2,5 bar Maximum fitting torque 9 N/m

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