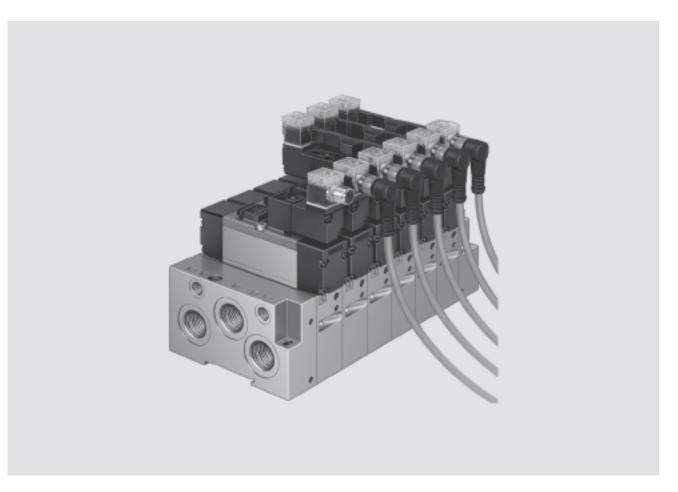


- ■ISO valve terminal
- High flow rates up to 1000 l/min
- Operating voltage either 12 V DC or 230 V AC
- Two valve sizes on the terminal
- Sturdy metal design



Modular

Festo valve terminals for VDMA 24 563 are of modular design and can be equipped with 2 to 16 standard valves. Fewer valves may also be installed, in which case vacant positions are sealed with blanking plates.

Various electrical connection options such as

- 5-pin central plug M12 to EN 60 947-5-2
- 4-pin central plug M8
- Standard connection (square plug) can be selected.

Flexible

- A valve terminal can have multiple pressure zones and vacuum operation.
- Conversions and extensions are possible at any time.
- Wide range of valve functions, for example 2x 3/2-way valves, in one housing.
- The new generation of valve housings are all the same size. The valve terminals are therefore capable of providing versatile and flexible solutions to a variety of pneumatic control technology requirements.

Reliable

- Sturdy and durable components made of high-quality metal/plastic with IP65 protection.
- The new generation of valves are made of flame-retardant materials.
- Fast error diagnosis thanks to LEDs on the valves or via connector plugs.
- All valves feature manual override.
- Reliability of service through replaceable valves.
- Labelling systems for valves, connection plugs and cables.

Easy to assemble

- Fully assembled and tested unit.
- Captive screws and seals.
- Valves are replaced by undoing just two screws.
- No tube removal required for valve replacement.
- Mounting on H-rail.
- Lower costs for selection, ordering, assembly and commissioning.

Valve terminal configurator

A valve terminal configurator is available to help you select a suitable valve terminal. This makes it much easier for you to find the right product.

Valve terminals are equipped and assembled according to customer requirements. This results in minimal installation time. They are also fully inspected before shipment.



Online via: → www.festo.com/en/engineering

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Peripherals overview

Size 02 solenoid valve with M12 central plug or square plug



Size 01 solenoid valve with M12 central plug or square plug















-91

Left-hand end

plate

Manifold sub-base, size 02

Adapter plate, size 02 – size 01

Manifold sub-base, size 01

Right-hand end plate

Pneumatic components

The valve terminals include common supply ports and exhausts for all valves. The bus lines can be connected to the end plates, or via adapter plates.

The valve terminals are available in 2 sizes with corresponding flow rates:

- Size 01: 1000 l/min
- Size 02: 500 l/min

It is also possible to combine both sizes.

A wide range of valve types is available:

- 2 x 3/2-way valve 2x closed, 2x open or 1x closed and 1x open
- 5/2-way valve, single solenoid
- 5/2-way valve, double solenoid
- 5/2-way valve, double solenoid, with dominating signal

 5/3-way valve, mid-position exhausted, pressurised or closed
 Two pressure zones with different pressures (three with mixed sizes) can be created with the help of isolating discs for the supply and exhaust lines.

The standard model valve terminal is equipped with an M8 or M12 central plug.

Connection is also possible by means of individual standard plugs upon

Terminals are available in sizes 01 and 02. An adapter plate can be used to mix sizes, in which case assembly is started at the left with size 02.

Blanking plates

Blanking plates are used to seal off vacant valve positions.

Creating pressure zones

Different supply pressures are made possible within a single valve terminal by installing an isolating disc between two sub-bases. In doing so, the isolating disc must be inserted from the left into the sub-base.

Supply and exhaust are on the right.

Usually, only line 1 has to be isolated. In special cases, isolating discs may also be inserted into exhaust lines 3 and 5.

Pilot control

Solenoid actuated valves are used. The standard voltage is 24 V DC. Other voltages are possible (12 V DC, 24 V AC, 110 V AC and 230 V AC). The square plug must be selected for 110 V AC and 230 V AC.

The selection of auxiliary pilot air for the entire valve terminal is made with the corresponding code letter in the order code. This assures selection of the correct valves.

Supply air can be taken from the main line, or from a separate air supply. A separate air supply is required in any event if supply pressure is less than 3 bar (including vacuum). In this case it is advisable to restrict pilot air to 6 bar with a suitable regulator.



Note

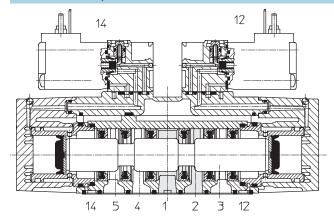
The various components which can be installed are included in the order tables.

→ Internet: type 14



Key features – Pneumatic components

Port identification for pneumatic connections



- 1 Compressed air supply
- 2 Working line
- 3 Exhaust, port 2
- 4 Working line
- 5 Exhaust, port 4
- 12 Pilot control exhaust (83, previously 82/84)
- 14 External supply of pilot air (81, previously 12/14)

Port 12 at the end plates is used for exhausting pilot air (83, previously 82/84). Even if pilot air is supplied internally this port must remain open or must be fitted with a silencer.



Note

Never plug port 12 (83).

Valve terminal with mixed sizes



Lines 12 and 14 are interrupted within the adapter plate for adapting size 02 to size 01.

These must therefore be fed to both sides of the valve terminal if pilot air is supplied externally.

Isolating discs



Isolating discs allow for the creation of different pressure zones within a single valve terminal, or separate the exhaust lines in order to prevent the cylinders from influencing one another.

The isolating disc is inserted from the left, so that the valve mounted on the affected sub-base is supplied from, and exhausted to the right.

Manual override



The standard manual override is push-in, and is equipped with spring return.



A detenting manual override can be created with the help of a tool which can be attached to the respective valve as required.

Valve terminal type 14 VDMA-01/02, ISO 15 407-1 Key features – Pneumatic components



Valve fund	tion			
Code	Circuit symbol	ISO		Description
		Size 01	Size 02	
	xiliary pilot air			
K	2			• 2x 3/2-way valve
			-	Normally closed
	83 1 5 83 1 3 (12) (12)			
N	4 2			• 2x 3/2-way valve
				Normally open
	83 15 83 13			
	(12)			2 2v 2/2 viguralis
Н	H (2)			2x 3/2-way valve Normal position
		-	•	1x closed
	83 15 83 13 (12) (12)			1x open
M	4 2			5/2-way valve, single solenoid
		-	-	Pneumatic spring
F	4 2			• 5/2-way valve, single solenoid
	□	-	-	Spring return
	83 5 1 3 (12)			
J	14 4 2 12			• 5/2-way valve, double solenoid
		-	-	
	5 1 3 8 3 (12)			
D	14 4 2 12			• 5/2-way valve, double solenoid
		-	•	Dominating signal at 14
	5 1 3 83 (12)			
В	14 4 2 12 12 HW			• 5/3-way valve
		-	•	Mid-position pressurised
-	5 1 3 83 (12)			
E	14 12 12 12		_	5/3-way valve Mid-position exhausted
		-	•	- Mila-position exhausteu
<u> </u>	5 1 3 83 (12)			• 5/3-way valve
G	14 4 2 12 12	_	_	5/3-way valve Mid-position closed
	1	•	•	mia position ciosca
	5 1 3 83 (12)			

Valve terminal type 14 VDMA-01/02, ISO 15 407-1 Key features – Pneumatic components



Valve fund	ction			
Code	Circuit symbol	ISO		Description
		Size 01	Size 02	
with auxil	iary pilot air	1		
K	4, 2,			• 2x 3/2-way valve
		_	_	Normally closed
		•	•	
	81 83 1 5 81 83 1 3 (14) (12) (14) (12)			
N	4, 2,			• 2x 3/2-way valve
			_	Normally open
		-	-	
	81 83 1 5 81 83 1 3 (14) (12) (14) (12)			
Н	4, 2,			• 2x 3/2-way valve
			_	Normal position
		-	-	1x closed
	81 83 1 5 81 83 1 3 (14) (12) (14) (12)			1x open
M	4 2			• 5/2-way valve, single solenoid
				Pneumatic spring
F	4 2			• 5/2-way valve, single solenoid
	Z N N N	•		Spring return
	81 83 5 1 3 (14) (12)			
J	14 4 2 12			• 5/2-way valve, double solenoid
	81 5 1 3 83 (14) (12)			
D	(14) (12) 14 4 2 1212			5/2-way valve, double solenoid
			_	Dominating signal at 14
		_	_	
В	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			• 5/3-way valve
l D	14 12 12 12 12 12 12 12 12 12 12 12 12 12			Mid-position pressurised
			•	wiiu-position pressuriseu
	81 5 1 3 83 (14) (12)			
E	14 4 2 12			• 5/3-way valve
			•	Mid-position exhausted
G	14 4 2 12			• 5/3-way valve
			•	Mid-position closed
	81 5 1 3 83 (14) (12)			
	(14) (12)	I		



For vacuum operation valves require a filter. This is to avoid that foreign matter is drawn into the valve (e.g. when using a suction cup).

Valve terminal type 14 VDMA-01/02, ISO 15 407-1 Key features – Pneumatic components

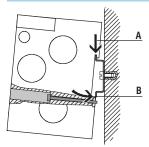


Horizonta	l linking			
Code		ISO		Description
		Size 01	Size 02	
A		•	•	Blanking plate
W	000	•	•	Intermediate plate, size 02/size 01
U	% %	•	•	Isolating discs, line 3/5
V		•	•	Isolating disc, line 1

Valve terminal type 14 VDMA-01/02, ISO 15 407-1 Key features – Assembly

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H-rail mounting of valve terminal



The valve terminal is attached to the $% \left\{ 1,2,...,n\right\}$ H-rail (see arrow A).

The terminal is then rotated on the H-rail and secured by tightening the retaining screw (see arrow B).



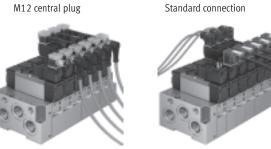
Avoid dynamic loads when using H-rail mounting. Otherwise the valve terminal can detach from the H-rail.

Valve terminal type 14 VDMA-01/02, ISO 15 407-1 Key features – Electrical components



Electrical connection

M12 central plug



The electrical side of the valve terminal type 14 is established using pre-assembled cables.

The connection to the controller can be established with individual cables.

Pin allocation for M12 central plug				
Connection diagrams	Pin	Electrical connection	Cable colour ¹⁾	Designation
2-pin				
1) 3 2	1	_	brown	unused
Solenoid 14	2	-	white	unused
2) 4 0 1	3	com (–)	blue	0 V
	4	Signal (+) Solenoid 14 ²⁾	black	Pilot solenoid coil 14
3-pin				
2 >	1		brown	unused
Solenoid 12	2	Signal (+) Solenoid 12 ²⁾	white	Pilot solenoid coil 12
1) 1) 3 2	3	com (–)	blue	0 V
Solenoid 14 2 2 4 4 1	4	Signal (+) Solenoid 14 ²⁾	black	Pilot solenoid coil 14

- 1) When using the socket with cable MSSD-EB-M12... or KMEB-1...
- 2) Connect max. 24 V (-15%/+10%)

Electrical a	accessories	
Code		Description
M12 centr	al plug	
S		Plug socket M12, 4-pin, angled, Pg7
K	~ ~	Pre-assembled cable with socket M12, 1 m long
Standard of	connection	
E		Standard plug socket
F		Plug socket with LED and cable, 2.5 m long
G	(80)	Plug socket with LED and cable, 5 m long
I	11	Plug socket for 230 V with cable, 2.5 m long
J		Plug socket for 230 V with cable, 5 m long



Technical data

- N - Flow rate

VDMA size 01: 1000 l/min VDMA size 02: 500 l/min

- \[\] - Valve width Size 01: 26 mm

Size 02: 18 mm

- **** - Voltage

24 V DC

12 V DC

24 V AC



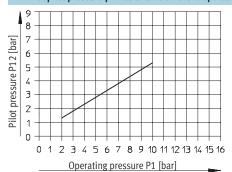


General technical data			
ISO		Size 01	Size 02
Constructional design, valves		Piston spool valve with sealing ring cartridge	
Width	[mm]	27	19
Nominal size	[mm]	8	6
Type of mounting, valve		On sub-base with connection to VDMA 24 563	
Mounting position		Any	
Manual override		Push-type, self-resetting/detenting (tool)	
Pneumatic connections			
Supply port	1	G¹⁄₄ (sub-base)	G½ (sub-base)
Exhaust port	3/5	G¹/₄ (sub-base)	G½ (sub-base)
Working lines	2/4	G¹⁄₄ (sub-base)	G1/8 (sub-base)
Pilot air port	12/14	M5 (sub-base)	
Pilot exhaust air port	82/84	M5 (sub-base), only valves with code K, N, H	

Pressure range [bar]											
Valve function order code		K	N	Н	M	F	J	D	В	E	G
Operating pressure Size 01		2 10			-0.9 +	-0.9 +16					
	Size 02		2 10			-0.9 +10					
Operating pressure for valve terminal	Size 01	2 10	2 10						3 10)	
th internal pilot air supply Size 02		2 10	2 10		2 10	2 10			3 10)	
Pilot pressure		2 10			2 10		2 10)	3 10)	

Minimal pilot pressure p12 as a function of the operating pressure p1 (with auxiliary pilot air)

→ Internet: www.festo.com/catalogue/...



Valve terminal type 14 VDMA-01/02, ISO 15 407-1 Technical data



Valve response times [ms]											
Valve function order code		K	N	Н	M	F	J	D	В	E	G
Size 01	on	22	22	22	31	31	-	16	23	23	23
	off	33	33	33	43	43	-	18	52	52	52
	change-	-	-	-	-	-	18	-	-	-	-
	over										
Size 02	on	15	15	15	23	23	-	-	18	18	17
	off	16	16	16	27	27	-	-	30	28	22
	change-	-	-	-	-	-	16	16	-	-	-
	over										

Operating and environmental conditions												
Valve function order code	K	N	Н	M	F	J	D	В	E	G		
Operating medium Filtered compressed air, lubricated or unlubricated, or vacuum→ LEERER MERKER												
Ambient temperature [°C]	-10 +5(10 +50										
Temperature of medium [°C]	-5 +50											
Storage temperature [°C]	-20 +40)										
Corrosion resistance class CRC ¹⁾	2											

¹⁾ Corrosion resistance class 2 according to Festo standard 940 070 Components requirements which are in direct contact with a surrounding industrial atmosphere or media such as cooling or lubricating agents.

Electrical data												
Valve function order code	K	N	Н	M	F	J	D	В	Е	G		
Electromagnetic compatibility	Interference	terference emission tested to EN 61 000-6-4, industry										
	Interference	erference immunity ¹⁾ tested to EN 61 000-6-2, industry										
Protection against electric shock	By means o	means of PELV power supply unit (12/14 V DC)										
(protection against direct and indirect												
contact to EN 60204-1/IEC 204)												
Operating voltage [V]												
D.C. voltage	12, 24 +10	%/-15%										
A.C. voltage	24, 110/23	30 ±10%, 5	0 60 Hz									
Electrical power consumption [W]												
D.C. voltage												
A.C. voltage	1.5											
	Pull: 3											
	Hold: 2.4											
Duty cycle	100%											
Protection class to EN 60 529	IP65 (with p	olug socket)	•			•		•			

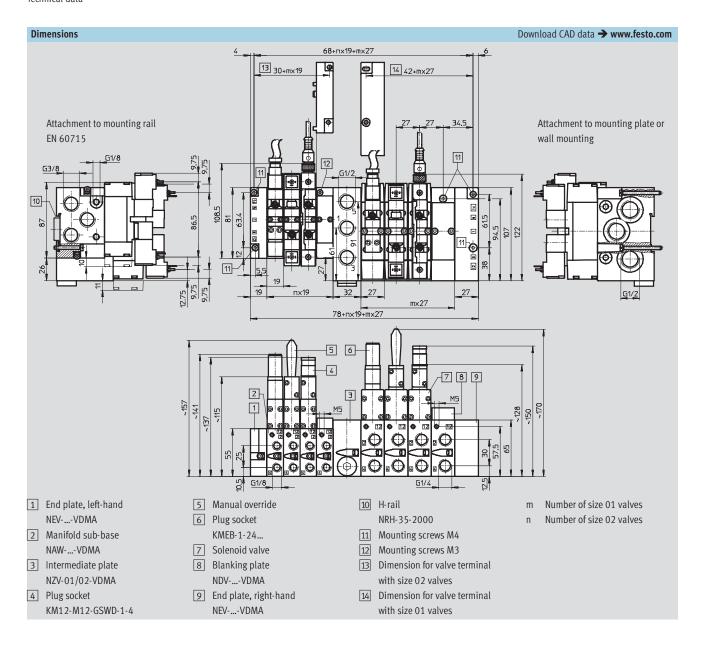
Materials											
Valve function order code	K	N	Н	M	F	J	D	В	E	G	
Valve	Die-cast alu	Die-cast aluminium, polyacetate (POM)									
Seal	Nitrile rubb	itrile rubber (perbunan)									

Product weight [g]	Approx. we	Approx. weights										
Valve function order code	K	N	Н	М	F	J	D	В	Е	G		
Size 01	320	320			340			270				
Size 02	210			220		210		160				

Nominal flow rate [l/min]										
Valve function order code	K	N	Н	M	F	J	D	В	Е	G
Size 01	950			1000						
Size 02	490			500						



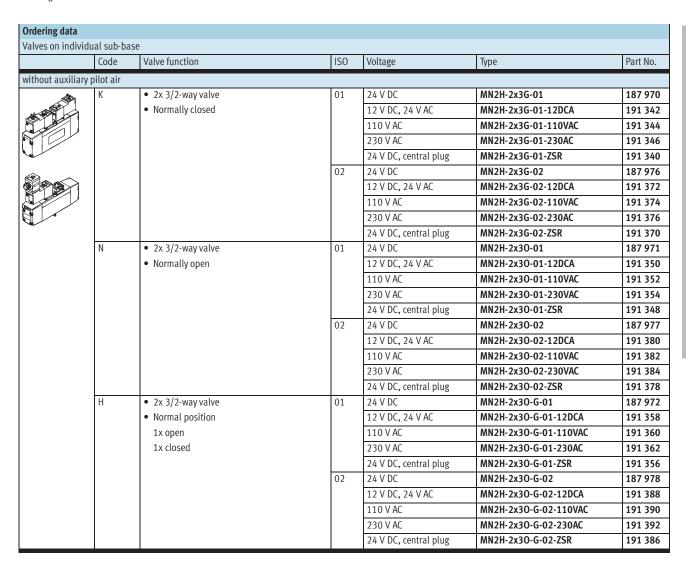
Technical data



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Valve terminal type 14 VDMA-01/02, ISO 15 407-1

Ordering data - Individual valve



1.2

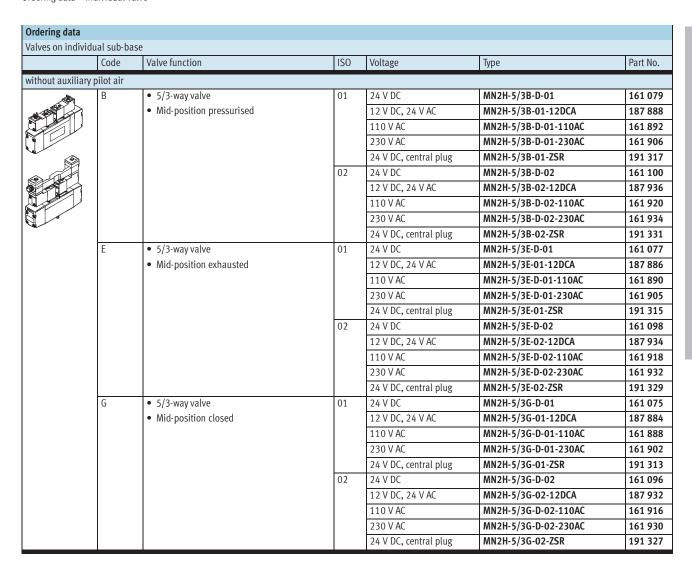
Valve terminal type 14 VDMA-01/02, ISO 15 407-1 Ordering data – Individual valve

Ordering data	الما مالية					
Valves on individu	Code	Valve function	ISO	Voltage	Туре	Part No.
سنائس فاستان ما المساور		valve fullction	150	voltage	Туре	rait No.
without auxiliary p	M	• 5/2-way valve, single solenoid	01	24 V DC	MN2H-5/2-D-01	161 067
	I'VI	5/2-way valve, single solellolu	01	12 V DC, 24 V AC	MN2H-5/2-01-12DCA	187 876
				110 V AC	MN2H-5/2-D-01-110AC	161 880
				230 V AC	MN2H-5/2-D-01-110AC	161 894
^				24 V DC, central plug	MN2H-5/2-01-ZSR	191 309
			02	24 V DC, central plug	MN2H-5/2-D-02	161 088
			02	12 V DC, 24 V AC	MN2H-5/2-02-12DCA	187 890
				110 V AC	MN2H-5/2-D-02-110AC	161 908
				230 V AC	MN2H-5/2-D-02-110AC	161 908
				24 V DC, central plug	MN2H-5/2-02-ZSR	191 323
	Е	• 5/2-way valve, single solenoid	01	24 V DC, central plug	MN2H-5/2-D-01-FR	161 069
	'	• Spring return	01	12 V DC, 24 V AC	MN2H-5/2-01-FR-12DCA	187 878
		• Spring return		110 V AC	MN2H-5/2-D-01-FR-110AC	161 882
				230 V AC	MN2H-5/2-D-01-FR-110AC	
				24 V DC, central plug	MN2H-5/2-01-FR-ZSR	161 896 191 311
			02	24 V DC, central plug	MN2H-5/2-D-02-FR	161 090
			02	12 V DC, 24 V AC	MN2H-5/2-02-FR-12DCA	187 926
				110 V AC	MN2H-5/2-D-02-FR-110AC	161 910
				230 V AC	MN2H-5/2-D-02-FR-110AC	161 910
				24 V DC, central plug	· .	191 325
		• 5/2-way valve, double solenoid	01	24 V DC, central plug	MN2H-5/2-02-FR-ZSR JMN2H-5/2-D-01	161 071
	'	5/2-way valve, double solelloid	01	12 V DC, 24 V AC	JMN2H-5/2-01-12DCA	187 880
				110 V AC	JMN2H-5/2-D-01-110AC	161 884
				230 V AC	JMN2H-5/2-D-01-230AC	161 898
				24 V DC, central plug	JMN2H-5/2-01-ZSR	191 319
			02	24 V DC, central plug	JMN2H-5/2-D-02	161 092
			02	12 V DC, 24 V AC	JMN2H-5/2-02-12DCA	187 928
				110 V AC	JMN2H-5/2-D-02-110AC	161 912
				230 V AC	JMN2H-5/2-D-02-230AC	161 912
				24 V DC, central plug	JMN2H-5/2-02-ZSR	191 333
	D	• 5/2-way valve, double solenoid	01	24 V DC, central plug	JMN2DH-5/2-D-01	161 073
	J	Dominating signal	01	12 V DC, 24 V AC	JMN2DH-5/2-01-12DCA	187 882
		- Dominating Signat		110 V AC	JMN2DH-5/2-D-01-110AC	161 886
				230 V AC	JMN2DH-5/2-D-01-110AC	161 900
				24 V DC, central plug	JMN2DH-5/2-01-ZSR	191 321
			02	24 V DC, central plug	JMN2DH-5/2-D-02	161 094
			02	12 V DC, 24 V AC	JMN2DH-5/2-02-12DCA	187 930
				110 V AC	JMN2DH-5/2-D-02-110AC	161 914
				230 V AC	1	161 914
					JMN2DH-5/2-D-02-230AC	
				24 V DC, central plug	JMN2DH-5/2-02-ZSR	191 335

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Valve terminal type 14 VDMA-01/02, ISO 15 407-1

Ordering data – Individual valve



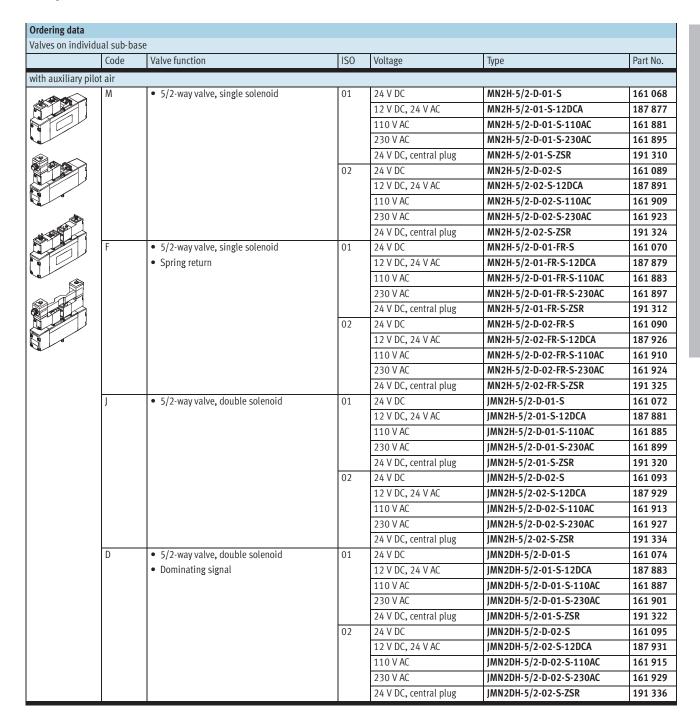
Valve terminal type 14 VDMA-01/02, ISO 15 407-1 Ordering data – Individual valve

Ordering data						
Valves on individu	ıal sub-ba	ase				
	Code	Valve function	ISO	Voltage	Туре	Part No.
vith auxiliary pilo	t air					
△	K	• 2x 3/2-way valve	01	24 V DC	MN2H-2x3G-01-S	187 973
		 Normally closed 		12 V DC, 24 V AC	MN2H-2x3G-01-S-12DCA	191 343
				110 V AC	MN2H-2x3G-01-S-110AC	191 345
				230 V AC	MN2H-2x3G-01-S-230AC	191 347
				24 V DC, central plug	MN2H-2x3G-01-S-ZSR	191 341
•			02	24 V DC	MN2H-2x3G-02-S	187 979
				12 V DC, 24 V AC	MN2H-2x3G-02-S-12DCA	191 373
				110 V AC	MN2H-2x3G-02-S-110AC	191 375
				230 V AC	MN2H-2x3G-02-S-230AC	191 377
				24 V DC, central plug	MN2H-2x3G-02-S-ZSR	191 371
	N	• 2x 3/2-way valve	02	24 V DC	MN2H-2x30-01-S	187 974
		• Normally open		12 V DC, 24 V AC	MN2H-2x30-01-S-12DCA	191 351
				110 V AC	MN2H-2x30-01-S-110VAC	191 353
				230 V AC	MN2H-2x30-01-S-230VAC	191 355
				24 V DC, central plug	MN2Hx-2x30-01-S-ZSR	191 349
				24 V DC	MN2H-2x30-02-S	187 980
				12 V DC, 24 V AC	MN2H-2x30-02-S-12DCA	191 381
				110 V AC	MN2H-2x3O-02-S-110VAC	191 383
				230 V AC	MN2H-2x30-02-S-230VAC	191 385
				24 V DC, central plug	MN2Hx-2x30-02-S-ZSR	191 379
	Н	• 2x 3/2-way valve	01	24 V DC	MN2H-2x3O-G-01-S	187 975
		 Normal position 		12 V DC, 24 V AC	MN2H-2x3O-G-01-S-12DCA	191 359
		1x open		110 V AC	MN2H-2x3O-G-01-S-110AC	191 361
		1x closed		230 V AC	MN2H-2x3O-G-01-S-230AC	191 363
				24 V DC, central plug	MN2H-2x30-G-01-S-ZSR	191 357
			02	24 V DC	MN2H-2x30-G-02-S	187 981
				12 V DC, 24 V AC	MN2H-2x3O-G-02-S-12DCA	191 389
				110 V AC	MN2H-2x30-G-02-S-110AC	191 391
				230 V AC	MN2H-2x3O-G-02-S-230AC	191 393
				24 V DC, central plug	MN2H-2x3O-G-02-S-ZSR	191 387

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Valve terminal type 14 VDMA-01/02, ISO 15 407-1

Ordering data - Individual valve



Valve terminal type 14 VDMA-01/02, ISO 15 407-1 Ordering data – Individual valve

Ordering data						
Valves on individ	dual sub-b	ase				
	Code	Valve function	IS0	Voltage	Туре	Part No.
with auxiliary pil	ot air					
	В	• 5/3-way valve	01	24 V DC	MN2H-5/3B-D-01-S	161 080
		Mid-position pressurised		12 V DC, 24 V AC	MN2H-5/3B-01-S-12DCA	187 889
				110 V AC	MN2H-5/3B-D-01-S-110AC	161 893
				230 V AC	MN2H-5/3B-D-01-S-230AC	161 907
				24 V DC, central plug	MN2H-5/3B-01-S-ZSR	191 318
			02	24 V DC	MN2H-5/3B-D-02-S	161 101
				12 V DC, 24 V AC	MN2H-5/3B-02-S-12DCA	187 937
				110 V AC	MN2H-5/3B-D-02-S-110AC	161 921
				230 V AC	MN2H-5/3B-D-02-S-230AC	161 935
				24 V DC, central plug	MN2H-5/3B-02-S-ZSR	191 332
	E	• 5/3-way valve	02	24 V DC	MN2H-5/3E-D-01-S	161 078
		Mid-position exhausted		12 V DC, 24 V AC	MN2H-5/3E-01-S-12DCA	187 887
				110 V AC	MN2H-5/3E-D-01-S-110AC	161 891
				230 V AC	MN2H-5/3E-D-01-S-230AC	161 905
				24 V DC, central plug	MN2H-5/3E-01-S-ZSR	191 316
				24 V DC	MN2H-5/3E-D-02-S	161 099
				12 V DC, 24 V AC	MN2H-5/3E-02-S-12DCA	187 935
				110 V AC	MN2H-5/3E-D-02-S-110AC	161 919
				230 V AC	MN2H-5/3E-D-02-S-230AC	161 933
				24 V DC, central plug	MN2H-5/3E-02-S-ZSR	191 330
	G	• 5/3-way valve	01	24 V DC	MN2H-5/3G-D-01	161 076
		Mid-position closed		12 V DC, 24 V AC	MN2H-5/3G-01-12DCA	187 885
				110 V AC	MN2H-5/3G-D-01-110AC	161 889
				230 V AC	MN2H-5/3G-D-01-230AC	161 903
				24 V DC, central plug	MN2H-5/3G-01-ZSR	191 314
			02	24 V DC	MN2H-5/3G-D-02	161 097
				12 V DC, 24 V AC	MN2H-5/3G-02-12DCA	187 933
				110 V AC	MN2H-5/3G-D-02-110AC	161 917
				230 V AC	MN2H-5/3G-D-02-230AC	161 931
				24 V DC, central plug	MN2H-5/3G-02-ZSR	191 328

Valve terminal type 14 VDMA-01/02, ISO 15 407-1 Accessories

Ordering data Designation		ISO	Туре	Part No.
Designation	Tour transfer			
Core .	Blanking plate	01	NDV-01-VDMA	161 107
		02	NDV-02-VDMA	161 114
<u> </u>	Intermediate plate, size 02/size 01		NZV-01/02-VDMA	161 108
5.5				
	Isolating discs	01	NSC-1/2-01-VDMA	161 105
	isotating discs			101 105
		02	NSC-3/8-01-VDMA	161 113
	Identification clip – holder		MN2H-BTZ-10x	161 936
4				
	Inscription label 9x17		IBS-9x17	161 937
	Inscription label 9x20		IBS-9x20	250 702
(S)	Manual override tool, detenting	02	AHB-MEB	157 601
\bigvee				
Ω	Plug socket, VDMA valves with central plug, for self-assembly		MSSD-EB	151 687
	Plug socket, VDMA valves with central plug M12 (MONO)		MSSD-EB-M12-MONO	188 024
A	Plug socket, VDMA valves with central plug M12 (DUO)	02	MSSD-EB-M12-DUO	188 025
	Cable with socket, angled supply socket M12, 4-pin, 5 m cable		SIM-M12-4WD-5-PU	164 258
	Californith and at atministrational and the MAQ / min F or add a		CIM M42 (CD F DII	464.250
	Cable with socket, straight supply socket M12, 4-pin, 5 m cable Cable with socket, straight supply socket M12, 5-pin, 2.5 m cable		SIM-M12-4GD-5-PU SIM-M12-5GD-2,5-PU	164 259 175 715
0	Cable with socket, straight supply socket M12, 5-pin, 2.5 in cable		SIM-M12-5GD-5-PU	175 716
11 //	Cable with socket, pre-assembled cable, M12 cube, 0.5 m		KMEB-2-24-M12-0,5-LED	177 677
	Cable with socket, pre-assembled cable, M12 cube, 2.5 m		KMEB-2-24-M12-2,5-LED	177 679
	Cable with socket, cube 24 V DC, PUR, 2.5m		KMEB-2-24-2,5-LED	174 844
	Cable with socket, cube 24 V DC, PUR, 5m		KMEB-2-24-5-LED	174 845
			WATER O COLO S	1=1011
/%\\$\\/	Cable with socket, cube 0 240 V AC, PUR, 2.5m		KMEB-2-230-2,5	174 846
	Cable with socket, cube 0 240 V AC, PUR, 5m		KMEB-2-230-5	174 847
				17.10.7
	Connecting cable, M12, 4-pin, 2.5 m		KM12-M12-GSGD-2,5	18 684
	Connecting cable, M12, 4-pin, 5 m		KM12-M12-GSGD-5,0	18 686
	connecting capite, m12, 4 pm, 5 m		M112-11112-0300-3,0	10 000

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