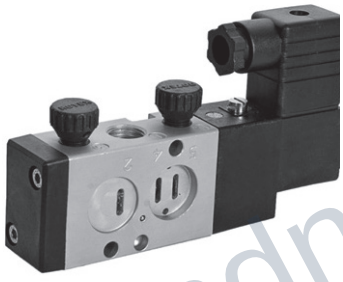
Neles Easyflow™ Namur solenoid valves

Series VAQNC

5/2 and 3/2 way convertible solenoid operated direction control spool valve

Model No. VAQNC-113/213







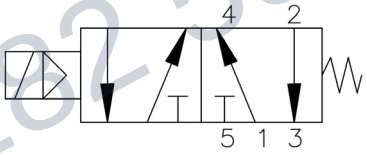


Figure 1

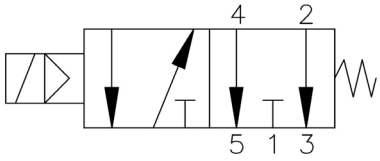


Figure 2

indnexus.com
+86 182 5900 2391

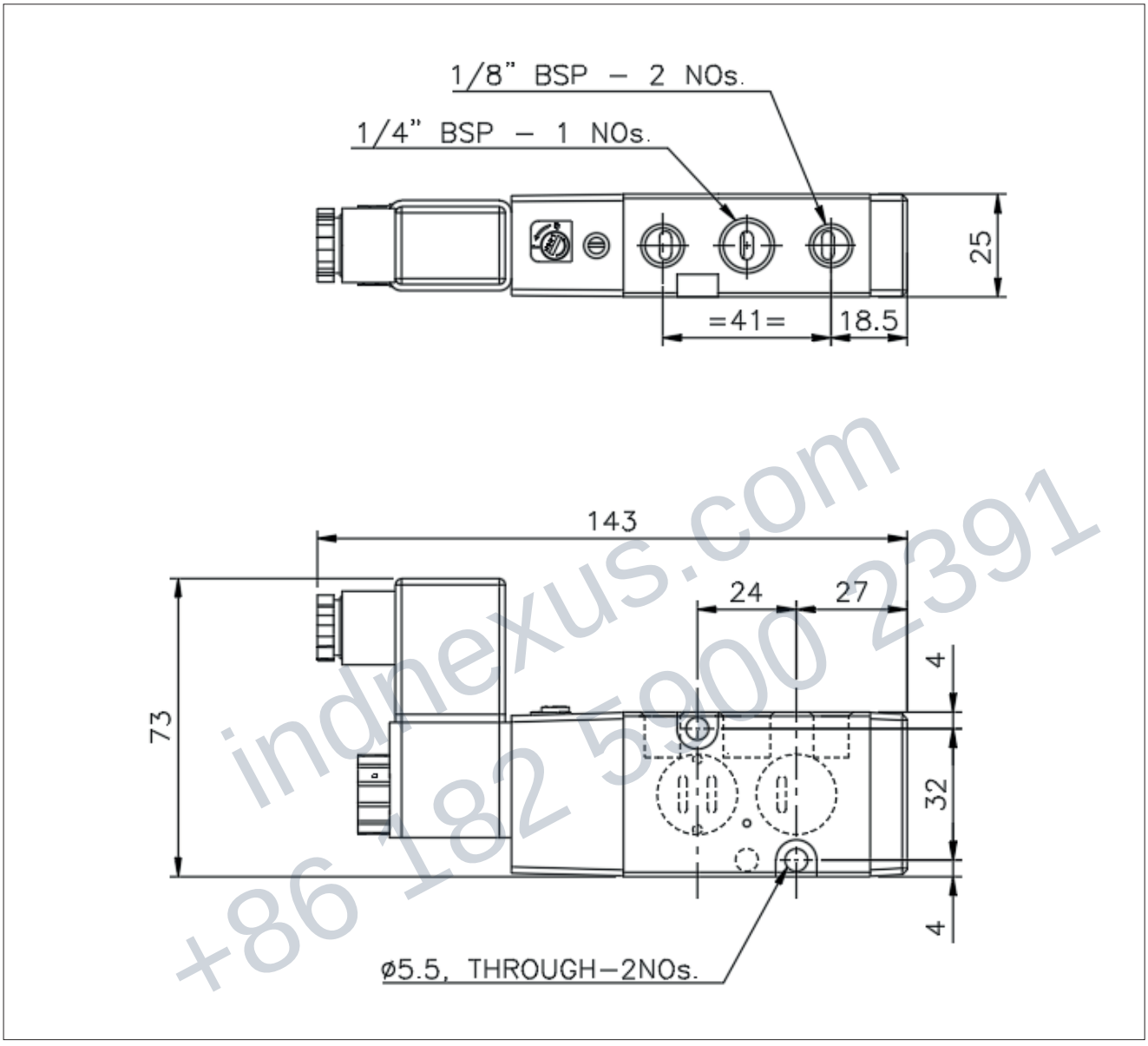
Features

- Manual override with lock facility
- IP67 solenoid, Ex version on request
- Corrosion resistant anodized aluminium
- All voltage rating available
- Long lasting PTFE seals
- Cover can be turned 180°C to change position of the manual override

Technical specification

Media	Compressed air, 50 µm. Filtered, lubricated or unlubricated
Type	5/2 and 3/2 way convertible solenoid operated direction control spool valve
Mounting	NAMUR
Orifice	5.3 mm
Flow factor (kv)	18 liters/min
Flow rate (Qn)	800 liters/min
Port size	1/8" and 1/4"
Operating pressure range	2-10 bar
Temperature range (°C)	-20 to 80
Response time at 5 bar	on time 32 msec and off time 48 msec
Manual override type	Push type & rotate to lock
Operating voltage	AC : 110, 220 (50Hz)
DC : 12, 24, 48	Continuous
Duty cycle	Continuous
Coil insulation class	F
Valve body MOC	Aluminium
Seals MOC	NBR
Coil temperature range	-10 to 50 °C
Valve body temperature range	-10 to 70 °C

Dimensional drawings

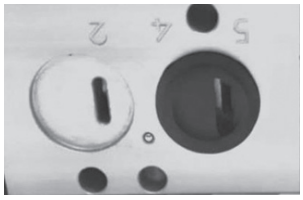


indnexus.com
+86 182 5900 2391

Figure 3 VAQNC113/213

Model No. VAQNC-114/214







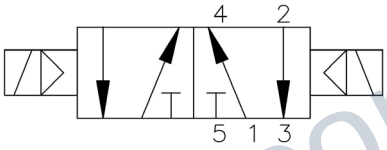


Figure 4

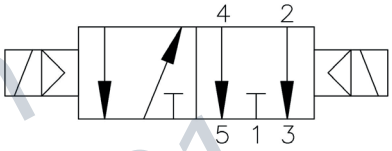


Figure 5

Features

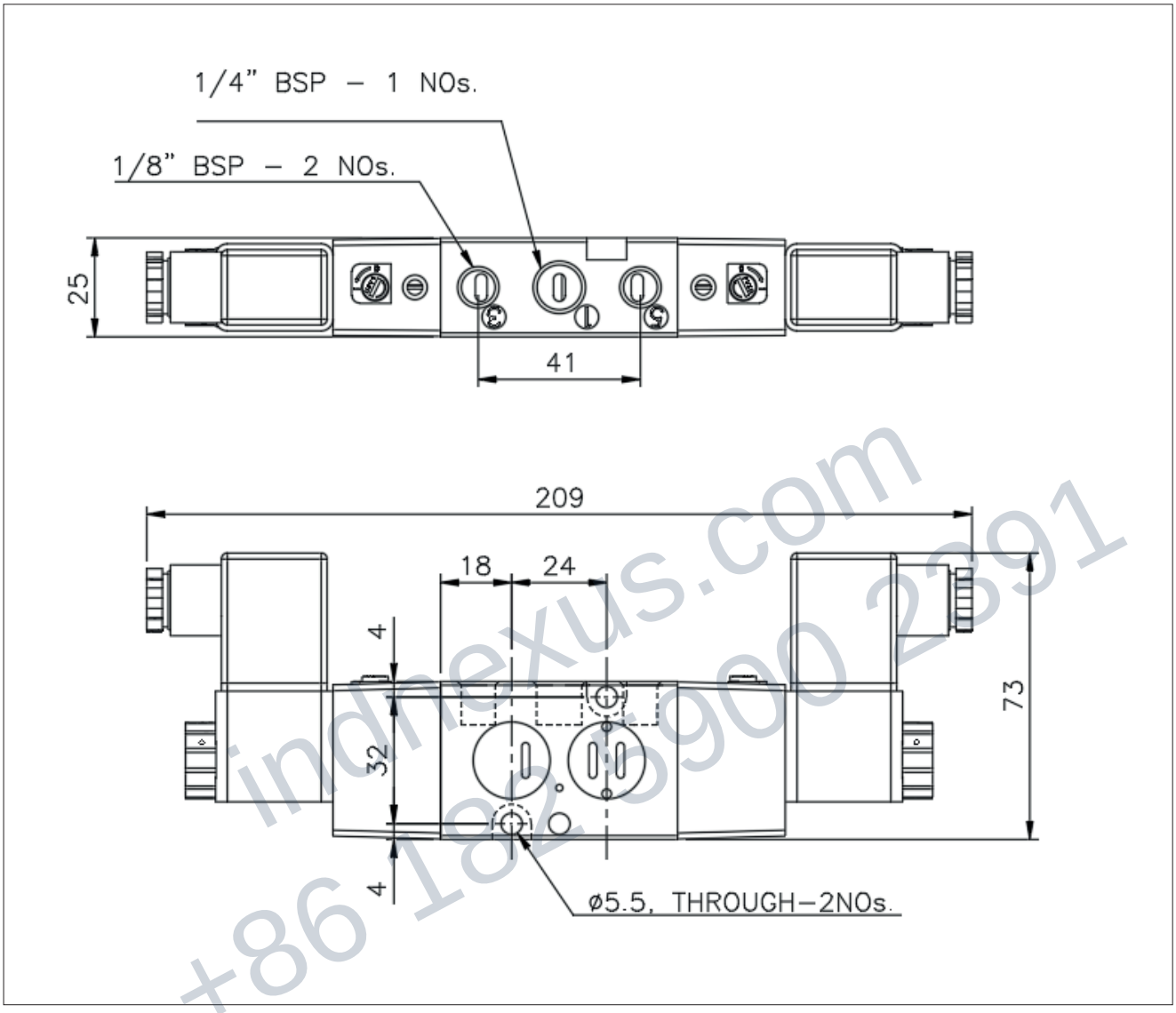
- Manual override with lock facility
- IP67 solenoid, Ex version on request
- Corrosion resistant anodized aluminium
- All voltage rating available
- Long lasting PTFE seals
- Cover can be turned 180°C to change position of the manual override

Technical specification

Media	Compressed air, 50 µm. Filtered, lubricated or unlubricated
Type	5/2 and 3/2 way convertible solenoid operated direction control spool valve direction control valve
Mounting	NAMUR
Orifice	5.3 mm
Flow factor (kv)	18 liters/min
Flow rate (Qn)	800 liters/min
Port size	1/8" and 1/4"
Operating pressure range	2-10 bar
Temperature range (°C)	-20 to 80
Response time at 5 bar	on time 32 msec and off time 48 msec
Manual override type	Push type & rotate to lock
Operating voltage	AC : 110, 220 (50Hz)
DC : 12, 24, 48	Continuous
Duty cycle	Continuous
Coil insulation class	F
Valve body MOC	Aluminium
Seals MOC	NBR
Coil temperature range	-10 to 50 °C
Valve body temperature range	-10 to 70 °C

indnexus.com
+86 182 5900 2391

Dimensional drawings



indinexus.com
+86 182 6900 2391

Figure 6 VAQNC114/214

How to order

1	2	3	4	5	6	7
VAQNC	1	13	G	0	0	01D0

1	Valve type
VAQNC	5/2 and 3/2 way convertible solenoid operated direction control spool valve

2	Port size
1	1/8”
2	1/4”

3	Operator
13	Single coil solenoid valve
14	Double coil solenoid valve

4	Port thread type
G	BSP
R	NPT

5	Body material
0	Aluminium
1	SS316

6.	Seal material
0	NBR
1	VITON

7	Coil Voltage, Amisco
01D0	12VDC
02D0	24VDC
03D0	48VDC
04D0	110VDC
05D0	220VDC
01A0	24VAC
02A0	48VAC
03A0	110VAC
04A0	220VAC
11AL	110VAC-LED
12AL	220VAC-LED
13AL	24VAC-LED
11DL	24VDC-LED

7	Coil Voltage, Nass Magnet
01DN	12VDC
02DN	24VDC
03DN	48VDC
04DN	110VDC
05DN	220VDC
01AN	24VAC
02AN	48VAC
03AN	110VAC
04AN	220VAC
11ALN	110VAC-LED
12ALN	220VAC-LED
13ALN	24VAC-LED
11DLN	24VDC-LED

ORDERING EXAMPLE:

1. VAQNC-1-13-G-0-0-01D0.This is a 5/2 position single coil Namur mounted solenoid valve with port size of 1/8” BSP Connection with Aluminium body having NBR seal and coil voltage of 12VDC.

indnexus.com
+86 182 5900 2391

Valmet Flow Control Private Limited
Plot no:560 Manpada Road
Dombivli East, Maharashtra 421204
www.valmet.com/flowcontrol

indnexus.com
+86 182 5900 2391

Subject to change without prior notice.
Neles, Neles Easyflow, Jamesbury, Stonel, Valvcon and Flowrox, and certain other trademarks, are either registered trademarks or trademarks of Valmet Oyj or its subsidiaries in the United States and/or in other countries.

© Valmet, S150-5EN - 1/2025