



NAMUR valve

- Mixed commutation system (spool-poppet)
- High flow rate
- Quick response time
- High cycle rates
- Control: pneumatic, electric
- Suitable for rotating pneumatic actuators used in industrial plants for the distribution of fluids
- NAMUR VDI/VDE 3845 interface



Fluid	50 µm filtered air, with or without lubrication
Ambient temperature	-10 ÷ 45 °C
Fluid temperature	-10 ÷ 50 °C
Commutation system	poppet mixed
Ways/Positions	5/2 - 3/2* * = This can be achieved with isolating disc, standard supplied
Pressure	10 bar max
Control	pneumatic, electric
Return	pneumomechanical spring, pneumatic, electric
Connections	1-3-5: G1/4 2-4: NAMUR interface
Nominal Ø	8 mm
Nominal flow rate	1200 NI/min
Valve body	zamak
Seals	nitrile rubber, polyurethane
Actuators	technopolymer
Spool	aluminium
Electropilot	AA series
Coil	U1-U3
Power consumption	3,5 W (DC) - 5 VA (AC)
Connector	AM-5110
Voltage	12 V DC - 24 V DC - 24 V AC - 110 V AC - 230 V AC
Manual override	impulse screw - 2 positions



Reference standard

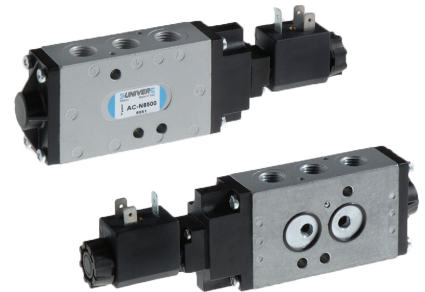
II 2G Ex h IIC T5 Gb



II 2D Ex h IIIC T100°C Db



II 3 GD c nA II T5 -10 °C ≤ Ta ≤ 45 °C IP65



MISTO

per applicazioni gravose



SINGLE PNEUMATIC IMPULSE

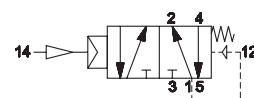


AC-N8100

5/2

G1/4

pneumo mechanical
spring



DOUBLE PNEUMATIC IMPULSE

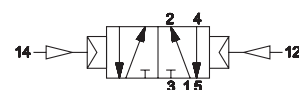


AC-N8120

5/2

G1/4

pneumatic amplified



SINGLE ELECTRIC IMPULSE

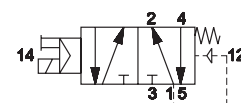


AC-N8500

5/2

G1/4

pneumo mechanical
spring



DOUBLE ELECTRIC IMPULSE

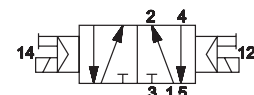


AC-N8520

5/2

G1/4

electric amplified



U1 COIL - 22 MM SIDE



DA-0050

12 V DC

DA-0051

24 V DC

DA-0106

24V AC - 50/60 Hz

DA-0108

110V AC - 50/60 Hz

DA-0124

230V AC - 50/60 Hz

CONNECTOR FOR U1 COILS



AM-5110

Grado di protezione IP 65. Collegamento dei cavi PG9.
Orientabile 180° sulla bobina.

A richiesta con indicatore luminoso

U3 COIL - 30 MM SIDE



DC-0301

12 V DC

DC-0302

24 V DC

DC-0307

24V AC - 50/60 Hz

DC-0309

110V AC - 50/60 Hz

DC-0310

230V AC - 50/60 Hz

DIN 43650 CONNECTOR FOR U3 SERIES COILS



AM-5111

IP65 protection rating. PG9 cable connection. 360°
adjustable on the reel.

With indicator light on request

In continuous operation, the operating temperature does not affect the coil's performance, provided it is installed in a well-ventilated area

Version 3/2: valves are supplied with proper fl at plug for closing unused way.

By plugging port 2 with the supplied plug, the valve becomes a 3/2 normally open (NO) valve.

By plugging port 4 with the supplied plug, the valve becomes a 3/2 normally closed (NC) valve.

Solenoid valves are supplied without coil and connector