



Closed when de-energised

G 1/8

108.01 to 108.02

230/50

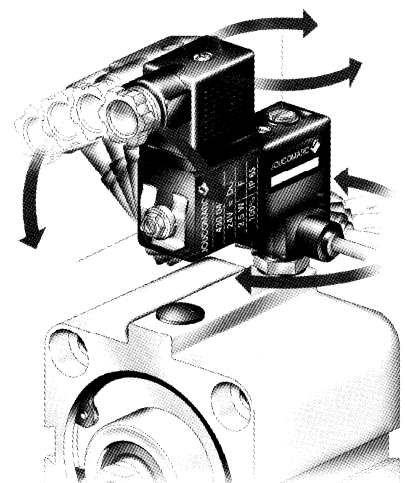
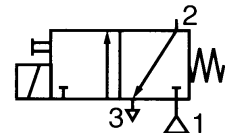
24 =

16 bar max.

Can be rotated 360°

Features

- λ Simple connection
- λ Short response time
- λ Easy installation (supply connection, valve body, coil and cable socket can be rotated 360°)
- λ Compact type of construction
- λ Integrated exhaust air restrictor
- λ Manual override
- λ Options for magnetic heads:
 - Degree of protection IP 65 (2.5 W)
 - Magnetic interlocking for memory function
 - Type of protection EEx "m"



General

Medium	: Air, neutral gases, filtered, oiled or unoled
Working pressure	: 0 to 10 bar
Max. permissible pressure	: 16 bar
Temperature	
-Medium	: -10°C to +60°C
-Ambient	: -10°C to +60°C
Flow rate (Qv at 6 bar)	: See table
Response time	: 10 – 20 ms
ΔP (air)	: Max. 6 bar

Materials

Designation	Material
Valve (body)	Polyamide (glass fibre-reinforced)
Seals	NBR
Magnet	Plastic (body)

Handling

- Port **(1)** with plug connection for hose & 4 mm external
- Port **(2)** with G 1/8 thread
- Vent port **(3)** with M 5 thread or exhaust air restrictor
- Body can be rotated 360° about **port 2**
- Magnet can be rotated 360°
- Manual override, latching

Applications

Compact solenoid valves for assembly **directly** on a **single-acting** pneumatic actuator (cylinder, valve, etc.)

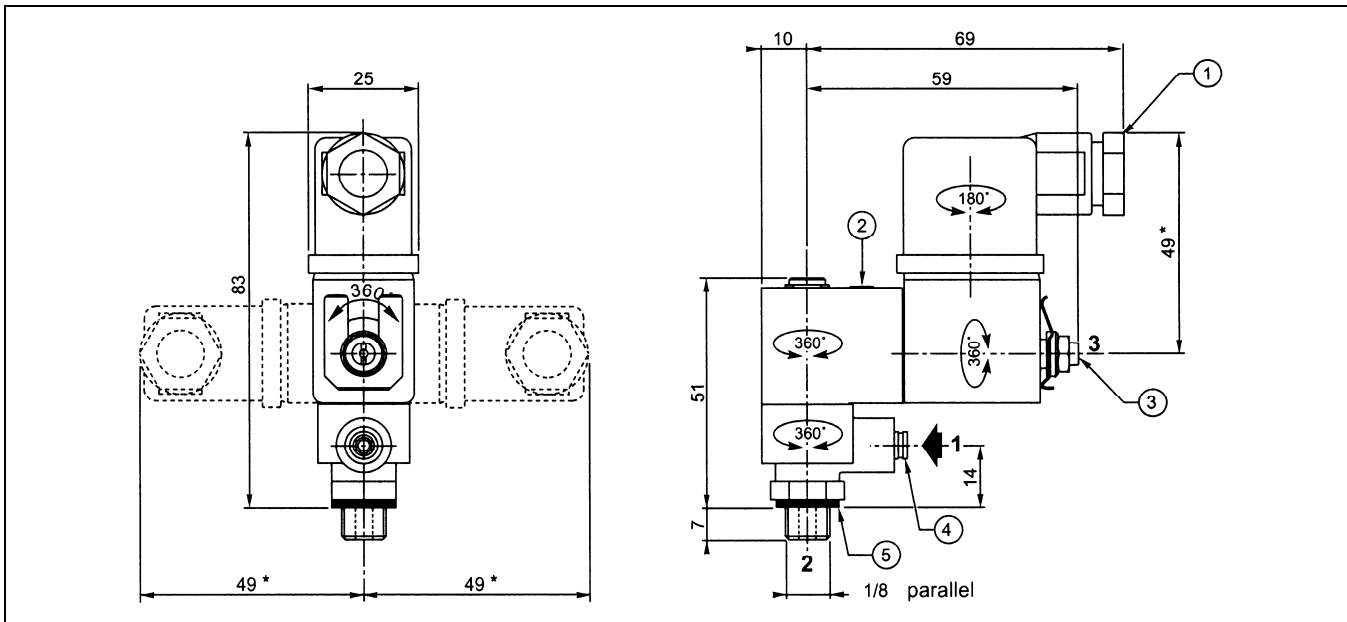
Characteristics

NC function De-energised Normally closed				1 = Pressure port 2 = Load 3 = Vent						
& DN [mm]	Flow rate l/min at 6 bar		Cv		Perm. differential pressure (M)		Exhaust air restrictor (3)	Order No. incl. standard cable socket		
	1 TM 2	2 TM 3	1 TM 2	2 TM 3	min.	max.		230/50	24=	
1,2	34	47	0.5	0.7	0	10	λ	With	108.01	108.02
								Without	On request	On request

Electrical data

Coil type	Voltages (1)		Power		Insulation class	Degree of protection	Electrical connection
			Pickup	Holding			
22	~	24 V–115 V–230 V/50 Hz	6 VA	3.5 VA (2.5 W)	F	IP 65	Cable socket can be rotated 180°, CM 8 (Pg 9P)
	=	24 V	2.5 W				

Dimensions [mm]



- ⌘ Cable socket: size 22, can be rotated 180°, CM 8 (Pg 9P)
- ⌘ Manual override (latching)
- ⌘ Adjustable exhaust air restrictor
- ⌘ Port for compressed air supply with plug connection for hose & 4 mm external
- ⊗ Screw plug

Special designs

- Other voltages or frequency on request
- Magnetic head in accordance with European type of protection EEx "m"
- Cable socket with LED and suppressor circuit