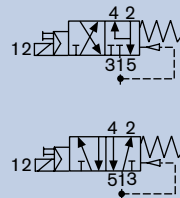


5/2 way on 3/2 way Convertible Solenoid Valve for pneumatics, NAMUR version

6519 NAMUR

NPT 1/4", NAMUR

- High flow rate
- Low power consumption
- High switching reliability
- Manual override as standard
- Corrosion-resistant construction



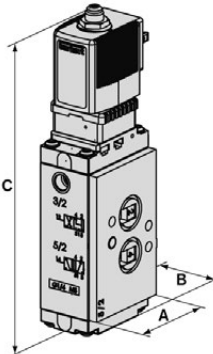
The solenoid valve, Type 6519 NAMUR, is provided with a NAMUR standard flange for easy, direct mounting to pneumatic actuators. It is manufactured from high-quality man-made materials.

Technical Data

Orifice	DN6.0 mm
Body Materials	
Pilot valve and main valve	Polyamide (PA)
Thread insert material	Brass, nickel-plated or stainless steel
Seal material	NBR and PUR
Pneumatic connection	
Supply ports 1, 3, 5	Threaded port NPT 1/4"
Service ports 2 and 4	NAMUR flange
Electrical connection	Tag connector acc. to DIN EN 175301-803 Form A for cable plug Type 2518 (not included)
Power consumption	AC 11 VA (inrush), 6 VA (hold), DC 2 W
Protection	IP65 with cable plug
Operating voltage	024/DC, 024/230 V, 50-60 Hz
Voltage tolerance	±10%
Duty cycle	100 % continuous rating
Ambient temperature	-13 °F to 131 °F (-25 °C to +55 °C)
Mediums	Compressed air, nitrogen, instrument air
Environmental conditions	Slightly aggressive, also open air
Response times ¹⁾	
Opening	20 ms
Closing	40 ms

¹⁾ Measured at valve outlet at 87 PSI (6 bar) and 68 °F (+20 °C) acc. to ISO 12238. Opening: pressure rise 0 to 90%, Closing: pressure drop 100 to 10%

Envelope Dimensions [mm] (see datasheet for details)



For plug details please see datasheet and table below. Class 1 Div I valves are supplied with flying leads and conduit connector.

Size	A	B	C
1/4"	1.81	1.38	3.12

6519 Switching Plate



Ordering Chart

Type	Connections mechanical / electrical	Approvals	Item no.		
			24/DC	120/60	EX-i
Standard	NPT1/4" Nickel-plated / 2518 plug	UR (cURus)	296425	296428	
Standard	NPT1/4" Nickel-plated / 2509 plug	UL (cULus)	296478	296488	
Hazloc	NPT 1/4" Nickel-plated ports / 3 meter molded cable version	(UL Class I Div 2 + Atex)	377092	377091	
Hazloc	NPT 1/4" Nickel-plated ports / junction box version	(UL Class I Div 2 +Atex)	373244	373249	
FM	NPT 1/4" Nickel-plated ports / 1/2" NPT Metal Conduit with 19 inch leads	(cFMus Class 1 Div 1 T6 + T4)	20009258	20012736	
Intrinsically Safe	NPT 1/4" Nickel-plated ports / 2518 plug/ requires barrier	EX-i			20000918