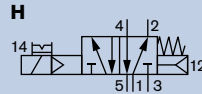


5/2 way Solenoid Valve for pneumatics

6519

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



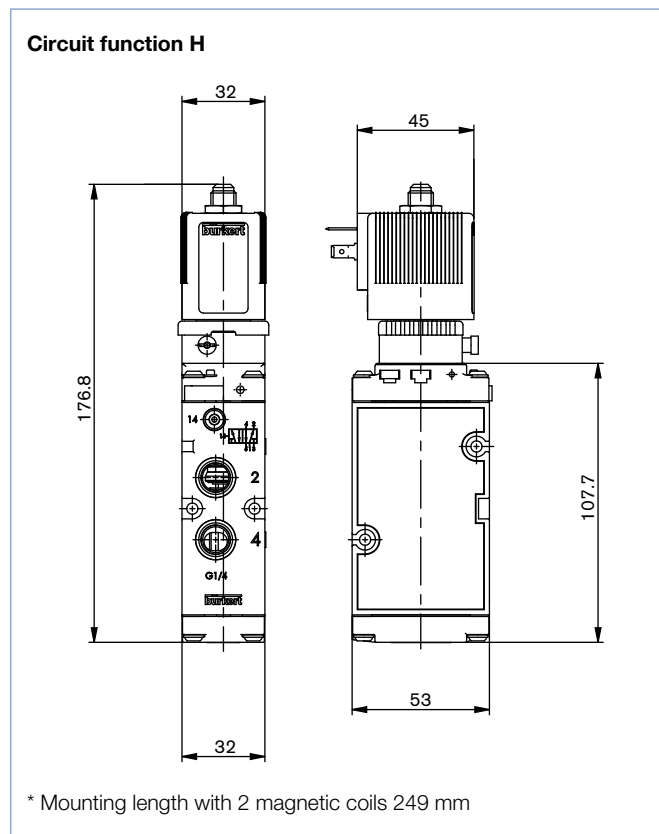
The 6519 is a pilot operated 5/2 or 5/3 way valve. The valve width of 32 mm allows high flow rates. The use of high quality materials allows the use of the valves even under outdoor and chemical atmosphere. The valves can be used individually or in blocks.

Technical Data

Orifice	DN8 and 9 mm
Body Materials	
Pilot valve	Polyamide , reinforced
Main valve	Polyamide (5/2 way), aluminium (5/3 way)
Thread insert material	Brass (stainless steel on request)
Seal material	NBR and PUR (5/2 way), NBR (5/3 way)
Pneumatic connection	
Supply ports 1, 3, 5	Thread 1/4" NPT
Service ports 2 & 4	Thread 1/4" NPT
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	24 V DC 24/ 110/ 230 V/ 50-60 Hz
Voltage tolerance	±10%
Duty cycle	100 % continuous operation
Ambient temperature	-13 °F to 131 °F (-25 °C to +55 °C)
Mediums	Neutral Medium, e.g. lubricated or non-lubricated compressed air
Environmental conditions	Open air, chemical atmosphere
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%

Dimensions [mm] (see datasheet for details)



Ordering Chart for 6519 H Standard NPT

Type	Connections mechanical / electrical	Approvals	Item No.		
			24/DC	120/60	EX-i
Standard	NPT1/4" Nickel-plated / 2518 plug	UR (cURus)	296432	296479	
Standard	NPT1/4" Nickel-plated / 2509 plug	UL (cULus)	296510	296507	
Hazloc	NPT 1/4" Nickel-plated ports / 3 meter molded cable version	(UL Class I Div 2 + Atex)	369904	20021445	
Hazloc	NPT 1/4" Nickel-plated ports / junction box version	(UL Class I Div 2 +Atex)	372092	20021446	
FM	NPT 1/4" Nickel-plated ports / 1/2" NPT Metal Conduit with 19 inch leads	(cFMus Class 1 Div 1 T6 + T4)	20012738	20012737	
Intrinsically Safe	NPT 1/4" Nickel-plated ports / 2518 plug/ requires barrier	EX-i			20011529