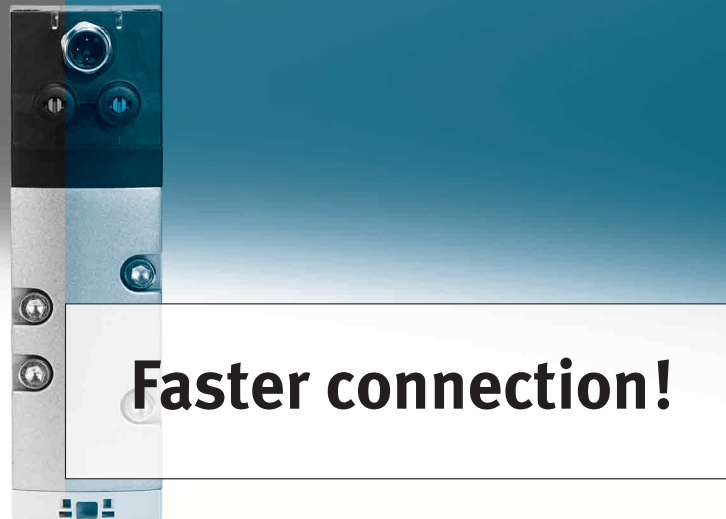


# Standard valve VSVA to ISO 15407-1 and ISO 5599-1 with M8 or M12 central plug

**FESTO**



**A smart idea with key advantages – the trend is towards central connectors for standard valves to ISO 15407-1 for 18 and 26 mm widths and ISO 5599-1 for 42 and 52 mm width.** A broad range of high flow rate standard valves VSVA with round M8 or M12 plugs in all popular versions. Very practical with: connecting cables from the NEBU modular system offering unlimited pre-assembly options.

### **Simple**

The days of having to work with inconvenient traditional solutions are over; the M8 and M12 make everything much easier.

### **Time-saving**

The valves are quick and easy to install and remove. And don't forget – VSVA can also easily replace products from other companies. It is supplied as a complete manifold. The M12 or M8 central push-in connectors and pre-assembled cables have reverse polarity protection.

### **Modular**

Available in a wide and varied range of size mixes, valve type mixes and expansion options. Includes central pilot and working air supply systems and direct valve-to-PLC connection.

### **Reliable**

Easy to connect. And integrated LED displays indicate the operating status of the valve.

### **Standardised**

ISO 15407-1 (VDMA 24563)  
ISO 5599-1  
ISO 20401 (pin allocation, valves)  
EN 60947-5-2 (device plug)



M8 or M12 in all four sizes



... and ...



for all industries!

232.1.PSI →

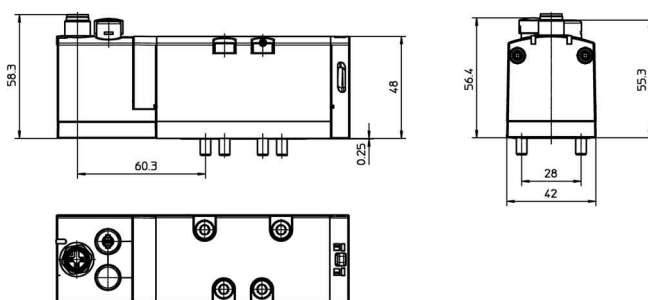
Product Short Information

# Standard valve VSVA to ISO 15407-1 and ISO 5599-1 with M8 or M12 central plug

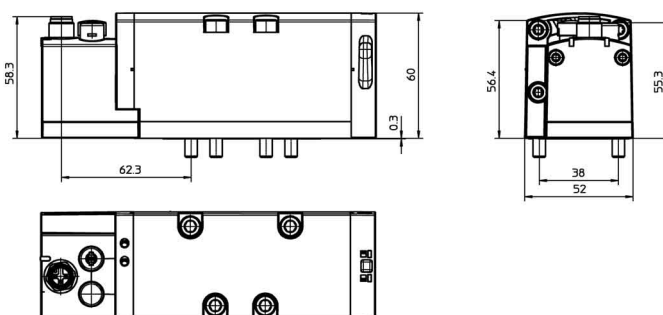
## Key features at a glance

- Interchangeability with non-Festo products (pneumatic)
- M12 or M8 central plug connector
- Sturdy and simple connection technology
- Integrated LED display for switching status of valve
- Great flexibility (size mix, valve type mix and expansion options)
- Central pilot and working air supply connections
- Direct valve-to-PLC connection
- Can be supplied as complete manifold
- High flow rates
- Easy to install, H-rail mounting
- Fast valve change

### Dimensions VSVA 42 mm (Size 1)



### Dimensions VSVA 52 mm (Size 2)



### PIN allocation for M8x1 and M12x1:

- 2 = Signal (+) solenoid 12
- 3 = Com (-)
- 4 = Signal (+) solenoid 14



Technical data				
Valve functions	5/2; 5/3; 2x3/2			
Valve type	Flange valve (piston spool) with M8 or M12 central plug			
Switching status display	LED, fibre-optic cable on spine			
Operating pressure (max.)	10 bar			
Operating voltage	24 V DC (±10 %)			
Duty cycle	100 % duty cycle			
Electrical protective circuit	Yes			
Assembly	H-rail mounting using a manifold and end plates			
PWIS criterion	Free			
Protection class	IP65 (IEC60529)			
As per standard	ISO15407-1	ISO15407-1	ISO5599-1	ISO5599-1
ISO size	Size 02	Size 01	Size 1	Size 2
Central plug variant	M8x1, M12x1	M8x1, M12x1	M12x1	M12x1
Valve width	18 mm	26 mm	42 mm	52 mm
Grid dimension	19 mm	27 mm	43 mm (NAV) 43 mm (VTSA)	56 mm (NAV) 59 mm (VTSA)
Flow rate	550 l/min	1100 l/min	1300 l/min	2900 l/min
5/2-way valve				
Port 2/4	G1/8 (NAW)	G1/4 (NAW)	G1/4 (NAV) G3/8 (VTSA)	G3/8 (NAV) G1/2 (VTSA)
Tubing length small	6 mm	8 mm	10 mm (VTSA)	12 mm (VTSA)
Tubing length large	8 mm	10 mm	12 mm (VTSA)	16 mm (VTSA)

## Festo AG & Co. KG

Ruiter Strasse 82  
73734 Esslingen  
www.festo.com  
Tel. +49 711 347 0  
Fax +49 711 347 21 44  
service\_international@festo.com