

**New****MS...-10V24C/10V24D/10V24F****On-off valves MS4/MS6-EE, MS series****FESTO**

Type codes

		MS	6	-	EE	-	1/2	-	V110	-	
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Series	
MS	Standard service unit

Size	
4	Grid dimension 40 mm
6	Grid dimension 62 mm

Service function	
EE	Solenoid actuated on-off valve

Pneumatic connection	
MS4	
1/8	Female thread G1/8
1/4	Female thread G1/4
MS6	
1/4	Female thread G1/4
3/8	Female thread G3/8
1/2	Female thread G1/2

Supply voltage	
10V24	Supply voltage 24 V DC
V110	Supply voltage 110 V AC
V230	Supply voltage 230 V AC

Silencer	
	Without silencer
S	Silencer

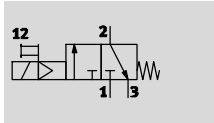
Additional variants can be ordered using the modular system → 28

- Connecting plates
- Supply voltage
- Pressure gauge/pressure gauge alternatives
- Alternative pressure gauge scale
- Type of mounting
- EU certification
- UL certification
- Flow direction

On-off valves MS4/MS6-EE, MS series

Technical data

Function



- Flow rate
1,000 ... 7,000 l/min
- Temperature range
-10 ... +60 °C
- Operating pressure
4 ... 18 bar



- Solenoid actuated on-off valve for pressurising and venting pneumatic installations
- With solenoid coil without plug socket
- Three voltage ranges can be selected
- Ducted exhaust possible via a threaded connection with silencer
- Non-detenting and detenting manual override (variant 10V24: only non-detenting)
- Solenoid actuator can be repositioned by 180°
- Optional pressure sensor
- Optional device variant EX2 for use in potentially explosive areas in zones 2 and 22

General technical data		
Size	MS4	MS6
Pneumatic connection 1, 2		
Female thread	G $\frac{1}{8}$ or G $\frac{1}{4}$	G $\frac{1}{4}$, G $\frac{3}{8}$ or G $\frac{1}{2}$
Connecting plate AG...	G $\frac{1}{8}$, G $\frac{1}{4}$ or G $\frac{3}{8}$	G $\frac{1}{4}$, G $\frac{3}{8}$, G $\frac{1}{2}$ or G $\frac{3}{4}$
Connecting plate AQ...	NPT $\frac{1}{8}$, NPT $\frac{1}{4}$ or NPT $\frac{3}{8}$	NPT $\frac{1}{4}$, NPT $\frac{3}{8}$, NPT $\frac{1}{2}$ or NPT $\frac{3}{4}$
Pneumatic connection 3	G $\frac{1}{4}$	G $\frac{1}{2}$
Design	Piston spool valve	
Type of mounting	Via accessories	
	In-line installation	
Assembly position	Any	
Pressure indicator	Via pressure sensor for displaying output pressure via LCD display and electrical output	
	Via pressure sensor for displaying output pressure via operational status indicator and electrical output	
	Via pressure gauge for displaying output pressure	
	Via pressure gauge with red/green scale for displaying output pressure	
	G $\frac{1}{4}$ prepared	
	G $\frac{3}{8}$ prepared	–
Valve function	3/2-way valve, single solenoid, closed	
Exhaust function	Without flow control	
Manual override	V24/10V24/10V24P/V110/V230	Non-detenting
	V24/10V24P/V110/V230	Detenting
	10V24C/10V24D	None
Type of reset	Mechanical spring	
Switching position display	Via accessories	
Pilot control mode	Piloted	
Pilot air supply	Internal	
Direction of flow	Non-reversible	

– Note: This product conforms to ISO 1179-1 and to ISO 228-1