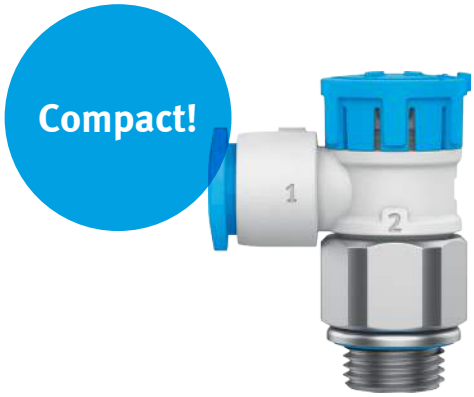
One-way flow control valve VFOE



Lightweight and price-attractive

Highlights

- Many variants
- Compact and lightweight
- Quick and intuitive commissioning
- Attractively priced
- Variant F1A suitable for battery production

The new, manually adjustable one-way flow control valve VFOE with push-to-lock function is perfect for standard applications. The attractively priced valve is particularly well suited to installation in tight spaces, e.g. in the electronics industry.

Versatile
The polymer one-way flow control valve with different valve functions and numerous connection sizes is the perfect solution for standard requirements in pneumatic automation technology. And is also extremely lightweight.

Fast installation and intuitive commissioning
What that means for you is that you save time and costs right from the start, through reliable selection of the required valve function. The colour-coded rotary knobs guarantee easy identification of the appropriate valve function. And thanks to the new, integrated push-to-lock functional principle and quick push-in fitting, installation and commissioning are fast and efficient.

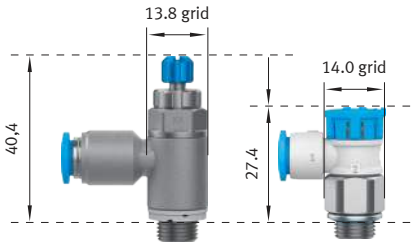
A perfect combination
The VFOE and the tubing PUN-H go together perfectly and leave almost nothing to be desired. In combination with a pneumatic drive, you then have everything you need to adapt the cylinder speed to your specific requirements.

Available worldwide –
and environmentally friendly, if you opt for the bulk packaging that consistently lowers your recycling costs.

One-way flow control valve VFOE

Less is more!

Lighter and more compact
The compact dimensions of the VFOE save you a lot of space.
And weight: the polymer materials of the VFOE make it up to 50% lighter than the GRLA-D series.



GLRA-QS-RS-D
size 1/8"

VFOE-...
size 1/8"

Further benefits and new possibilities

Push-to-lock functional principle
For quick and reliable setting of the flow rate

Push-in fitting (P1)
Metric QS fitting Ø 4, 6, 8, 10, 12 mm

Colour-coded adjusting elements
For easy identification and selection of the exhaust/supply air valve function

VFOE-LE VFOE-LS

Swivel joint
360° of horizontal rotation, mounted, made of polymer to reduce weight

Threaded connection (P2)
M5, M7, 1/8, ¼, 3/8 and 1/2

BSP-G BSP-R

General technical data

VFOE-LE, -LS	
Valve function	One-way flow control function for exhaust/supply air
Adjusting element	Rotary knob with detent
Type of mounting	Screw-in, via male thread
Mounting position	Any
Operating pressure for entire temperature range [MPa]	0.02 ... 1
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Ambient temperature [°C]	–10 ... +60
Note on materials	RoHS-compliant

VFOE-LE	P1 / P2	QS-4	QS-6	QS-8	QS-10	QS-12
Exhaust air 	M5	■1)	■1)			
	G1/8					
	G1/4					
	G3/8					
	G1/2					
	R1/8	■1)	■1)	■1)		
	R1/4		■1)	■1)	■1)	
	R3/8			■1)	■1)	
	R1/2					■1)

VFOE-LS	P1 / P2	QS-4	QS-6	QS-8
Supply air 	M5	■1)	■1)	
	M7			
	G1/8			
	R1/8	■1)	■1)	■1)

1) Available as variant F1A, suitable for battery production

Tip:
Use our tools, for example for physical units for calculating the flow rate:
→ **www.festo.com/CalculationTools**

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