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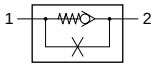
Logic Valves & Flow Control

Pneumatic One-Way Flow Restrictor - Fixed Orifice

Technical information

Pressure range:	0.5-8 bar
Opening pressure:	≥ 0.5 bar
Temperature range:	-10˚C...+70˚C
Materials:	Brass body.
Seals:	Perbunan
Flow rate:	Depends on version ordered, see below.
Operating medium:	5 micron filtered, lubricated or non-lubricated compressed air.

Symbol	Description	Threads	Order code
	**One way flow restrictor with fixed orifice**	M5	**47.251.XX**

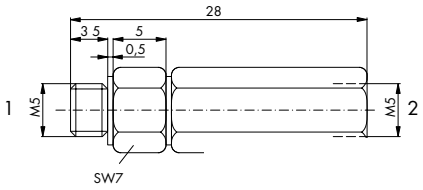
Dimensional drawings

Approx. flow rates at 7 bar:	Ø0.10	0.34 l/min	47.251.10
	Ø0.16	1.42 l/min	47.251.16
	Ø0.25	3.40 l/min	47.251.25
	Ø0.40	8.50 l/min	47.251.40

The one-way restrictor with a fixed orifice is used where a reduction to low and constant air flow value is required, for example time control systems.

Available with fixed apertures - Ø: 0.10/0.16/ 0.25 and 0.40mm.

The respective orifice diameter is inserted in position **XX**
Example aperture 0.25 = Order Code: 47.251.25



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