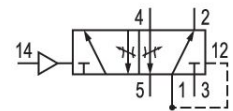


Series 740

$Q_n = 700-950 \text{ l/min}$

- Rugged polymer housing
- Suitable for all air qualities
- Base plate assembly and block assembly possible
- Versions also available with UL and ATEX coils



Technical data

Industry

Activation

Valve type

Switching principle

Sealing principle

Connection type

Manual override

Industrial

Pneumatically

Diaphragm poppet valve

5/2, with air spring return

Soft seal

Pipe connection

without

Compressed air connection input

3/8"

Compressed air connection output

3/8"

Compressed air connection, exhaust

3/8"

Compressed air connection pilot input

3/8"

Nominal flow Q_n

700 l/min

Min. working pressure

1.5 bar

Max. working pressure

10 bar

Pilot

Internal

Blocking principle

Single base plate principle

Can be assembled into blocks	Plate principle
Throttle	Can be assembled into blocks with throttle
Min. ambient temperature	-15 °C
Max. ambient temperature	60 °C
Min. medium temperature	-15 °C
Max. medium temperature	60 °C
Medium	Compressed air
Min. oil content of compressed air	0 mg/m ³
Max. oil content of compressed air	5 mg/m ³
Max. particle size	50 µm
Mounting on manifold strip	PRS strip
Weight	0.18 kg

Material

Housing material	Polyarylamide Polyarylamide
Seal material	Acrylonitrile butadiene rubber
Part No.	R432013808

Technical information

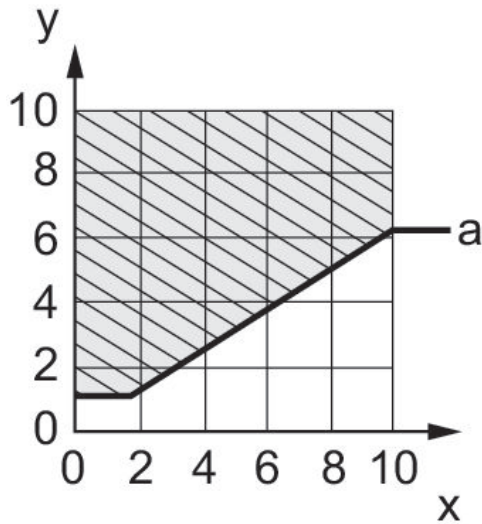
The min. control pressure must be adhered to, since otherwise faulty switching and valve failure may result!

The pressure dew point must be at least 15 °C less than ambient and medium temperature and may not exceed 3 °C.

The oil content of compressed air must remain constant during the life cycle.

Use only the approved oils from AVENTICS. Further information can be found in the "Technical information" document (available in <https://www.emerson.com/en-us/support>).

Pilot pressure range



x: Working pressure ([0] bar) ... [10] bar) y: Pilot pressure ([1] bar) ... [6] bar) a: Min. pilot pressure at port 14 (Z) depending on working pressure

5/2-directional valve, Series 740, Single Air Pilot

Series 740

R432013808

2025-10-20

Dimensions in inches

