

Check-choke valve, Series QR1-DBS, Inlet-Side Throttling, push-in fitting

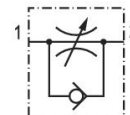
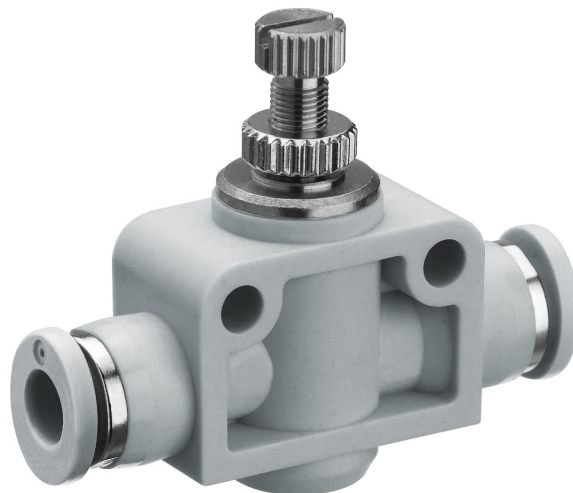
R432002383

QR1

2026-05-04

AVENTICS Series QR1 Check-choke-valves

AVENTICS Series QR1 Check-choke-valve are designed for nominal flows from 60 l/min .. 875 l/min.



Technical data

Industry	Industrial
Port 1	Ø1/4
Port 2	Ø1/4
direction of throttle	1 > 2
Nominal flow Qn 1 to 2	60 l/min
Compressed air connection type 1	Push-in fitting
Compressed air connection type 2	Push-in fitting
Medium	Compressed air
Min. working pressure	0.4827 bar
Max. working pressure	16 bar
Min. ambient temperature	-20 °C
Max. ambient temperature	80 °C
Min. medium temperature	0 °C
Max. medium temperature	60 °C
Delivery unit	5 piece
Weight	0.06 kg

Material

Housing material	Polyamide
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Seal material	Acrylonitrile butadiene rubber
Material flow control screw	Brass
Surface flow control screw	nickel-plated
Part No.	R432002383

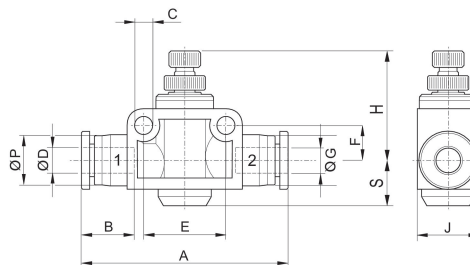
Technical information

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.

Dimensions in inches



Part No.	Ø D	A	B	Ø C	J	H	S	Ø P
R432002382	Ø5/32	1.426	0.63	3.2	0.394	0.701	0.256	0.411
R432002383	Ø1/4	1.682	0.67	4.3	0.591	1.064	0.433	0.489
R432002384	Ø5/16	2.041	0.729	4.3	0.709	1.123	0.473	0.567
R432002385	Ø 3/8	2.348	0.827	4.3	0.827	1.34	0.473	0.693
R432002386	Ø1/2	2.813	0.887	4.3	1.103	1.32	0.63	0.835