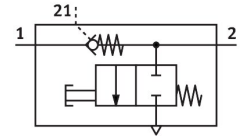


# Check valve VBNF-CBA-Q4-Q4-F1A

Part number: 8193271

FESTO



[General operating condition](#)

## Data sheet

Feature	Value
Valve function	Non-return function
Selection of additional function	Manual exhaust
Pneumatic connection 1	QS-4
Pneumatic connection 2	QS-4
Pilot air port 21	QS-4
Actuation type	Manual
Normal nominal flow rate (normalized to DIN 1343)	120 l/min
Operating pressure	≤1 MPa
Operating pressure	≤10 bar
Pilot pressure MPa	0.2 MPa ... 1 MPa
Pilot pressure	2 bar ... 10 bar
Pilot pressure psi	29 psi ... 145 psi
Ambient temperature	-10 °C ... 60 °C
Housing material	PBT
Housing colour	Gray
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Mounting position	Any
Actuation type, piloted non-return function	Pneumatic
Manual exhaust function	Non-detenting
Symbol	00991957
Operating pressure for entire temperature range	0.2 bar ... 10 bar
Standard flow rate 1->2 (6-0)	210 l/min
Standard nominal flow rate 1->2 (6-5)	130 l/min
Switching time off	9 ms
On switching time	6 ms
Explosion prevention and protection	Zone 2 (ATEX) Zone 22 (ATEX)
Information on operating and pilot media	Operation with oil lubrication possible
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Suitability for the production of Li-ion batteries	Suitable for battery production with reduced Cu/Zn/Ni values (F1a)
Storage temperature	-20 °C ... 70 °C
Temperature of medium	-10 °C ... 60 °C
Pilot medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Product weight	23.8 g

<b>Feature</b>	<b>Value</b>
Covering material	ES-BE
Note on materials	RoHS-compliant
Cover material	PBT
Seals material	NBR
Releasing ring material	POM