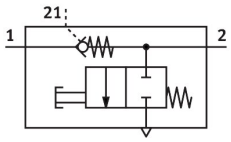
Check valve
VBNF-CBA-Q4-Q4-F1A

Part number: 8193271





Data sheet

Feature	Value
Valve function	With non-return function
Selection of additional functions	Manual exhausting
Pneumatic connection, port 1	QS-4
Pneumatic connection, port 2	QS-4
Type of actuation	Manual
Pilot air port 21	QS-4
Standard nominal flow rate (standardised to DIN 1343)	120 l/min
Operating pressure	1 MPa 10 bar
Pilot pressure	0.2 MPa...1 MPa 2 bar...10 bar 29 psi...145 psi
Ambient temperature	-10 °C...60 °C
Material housing	PBT
Housing colour	Grey
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Mounting position	Any
Type act., cont. n.-r. func.	Pneumatic
Manual exhaust function	Non-detenting
Operating pressure complete 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
Switching time on	6 ms
Explosion protection	Zone 2 (ATEX) Zone 22 (ATEX)
Note on operating and pilot medium	Lubricated operation 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
Media temperature	-10 °C...60 °C

Feature	Value
Pilot medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Product weight	23.8 g
Material covering	ES-BE
Note on materials	RoHS compliant
Material cover	PBT
Material seals	NBR
Material release ring	POM