

Series F2202/04.. - F2209/04..

The flanged valve of the 22 series in the control type direct and externally controlled requires compressed air between 4-8bar for switching. The spring-loaded piston actuator is pressurised with compressed air and directly lifts the valve disc from the seat. The valve is closed by spring force. The robust design has fast reaction times with high positioning forces of spring and control pressure.

For more information follow this link:

<https://www.buschjostventile.de/en/products/F-2202-04-F-2209-04/details/F2209-0402-8008-EB-VU?pressureRangId=573>

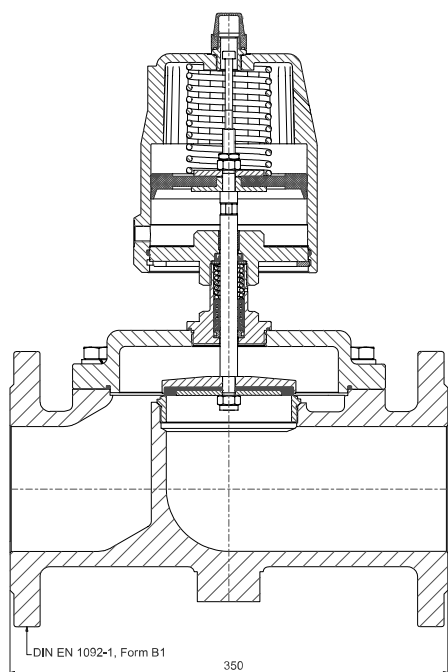


Image representation corresponds only to the valve design

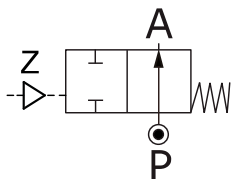
Valve F2209/0402/8008-EB-VU

Version	F	
Type of valve	22	Seat Valve, pneum. direct
Connection type, valve seat	09	DN100, 100mm
Kv-value ($\Delta p = 1 \text{ bar H}_2\text{O}$)		173 m ³ /h
Housing	04	EN-GJL250 grey cast
Sealing	02	FKM
Function	8	OPEN with spring
Design	0	straight seat, actuator aluminium
Actuator size	08	ø80
Actuator volume		260 cm ³
Valve option	EB-VU	Reed contact 1-fold RC12 + Vacuum
System pressure		0 - 2.5 bar (the max. operating pressure requires a control pressure of min. 6 bar)
Control pressure		6 - 8 bar
Temperature Medium		from -10 °C to +140 °C
Temperature Environment		from -10 °C to +60 °C
Mounting position		in any position
Specific use case		Closed system (includes open system)

Drawing-Standard



Switching position



in Ruhestellung auf
normal open

Fließrichtung festgelegt
flow direction defined

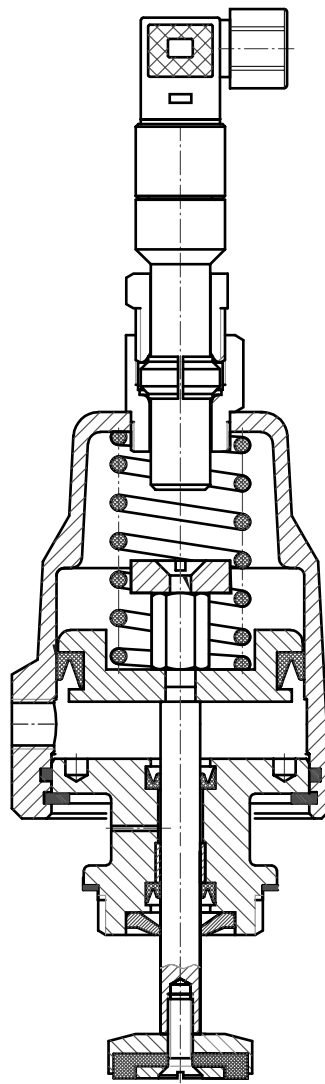
Additional information

Valve option	EB-VU	Reed contact 1-fold RC12 + Vacuum
Description		Reed contact RC12-S 3m cable Art. B0044.000424 Contact type: normally open contact ATEX II 2G Ex mb IIC T6 Gb - 2D Ex mb IIIC T80°C Db IP67 place of install.: top Valve position: OPEN Elastomer seal on seat. Spindle seal vacuum compatible
REACH-RoHS conformity		REACH yes RoHS yes
Customs export		Customs tariff number 84812090; Country of origin Germany; ECCN (US): N; AL: N

Additional information for valve option

Endschalter RC27
mit Gerätestecker DIN EN 43650 Form C
limit switch RC27
with connector plug DIN EN 43650 form C

Art.No.	B0044.0002xx Wechsler oder Schließer
Schaltspannung: switching capacity:	max. 250V AC/DC, 1 Ampere
mechan. Lebensdauer mechanic cycles	3x10 ⁹
Gehäuse: body:	Ms-vernickelt (nicht mediumberührt) brass nickle plated (not in contact with fluid)
Umgebungstemperatur: ambient temperature:	-40 bis (up to) +125°C
Kontakt: type of contact:	1-poliger Wechsler 1-pole changeover switch
anschließbare Leitungen: suitable for connection:	max. Kabel Ø 6,5 mm über Gerätestecker max. cable Ø 6,5 mm with connect. plug
Schutzart: enclosure:	IP65 EN60529



Schaltbild RC12W
(Wechsler)

