

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/F2209-0404-8008-EO?pressureRangeld=573>

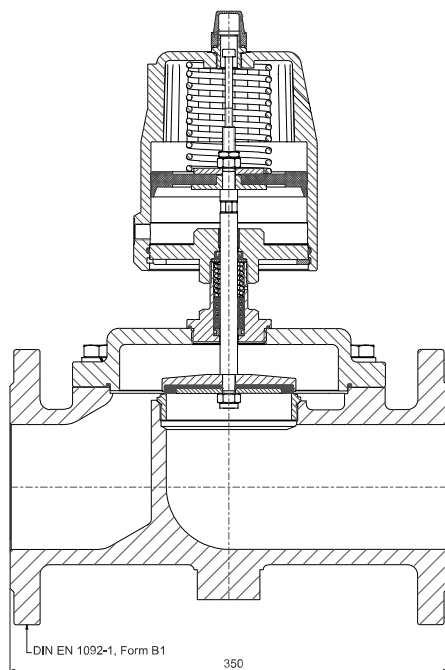


Image representation corresponds only to the valve design

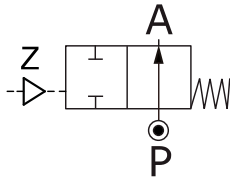
Valve F2209/0404/8008-EO

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	04	PTFE
Function	8	OPEN with spring
Design	0	straight seat, actuator aluminium
Actuator size	08	ø80
Actuator volume		260 cm ³
Valve option	EO	Inductive sensor, double
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 -40 °C to +200 °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

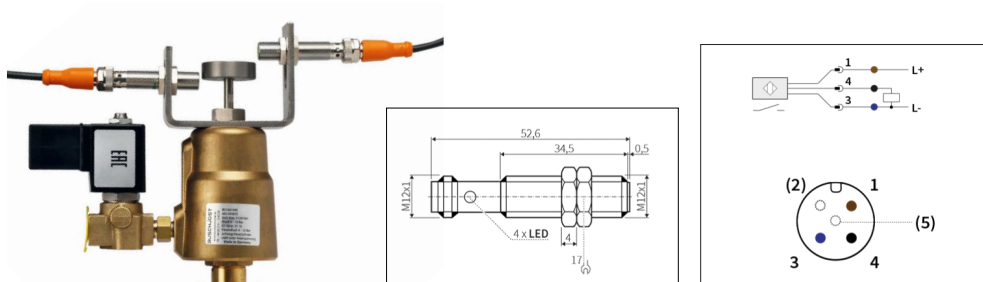
Additional information

Valve option	EO	Inductive sensor, double
Description	Inductive sensor for position indication BJ standard, round M12x1.5, in the bracket, OPEN / CLOSE	
REACH-RoHS conformity	REACH yes RoHS yes	
Net weight	37.4 kg	
Customs export	Customs tariff number 84812090; Country of origin Germany; ECCN (US): N; AL: N	

Additional information for valve option

EO - Induktiver Sensor 2-fach

EO - inductive sensor, double



AI054 Induktiver Sensor - Inductive sensor	
Artikel Nr. article no.	B0044.000395 AA037-2m Sensorkabel, sensorcable
Schaltausgang Switching output	Schließer (NO) Normally open (NO)
Schaltabstand Switching distance	4mm
Betriebsspannung Operating voltage	10 ... 30 V DC
Elektrische Ausführung Electrical design	PNP
Strombelastbarkeit Max. Current carrying capacity max.	200mA
Stromaufnahme Max Current consumption max.	10mA
Gewindegröße Thread size	M12x1
Elektrischer Anschluss Electrical connection	M12 3-Polig M12 3-pin
Umgebungstemperatur Min Ambient temperature min.	-25°C
Umgebungstemperatur Max. Ambient temperature max.	70°C
Schutzart Protection rating	IP67
Funktionsanzeige Function display	4x LED