

Series 2/918-.-10-R282

2/2-way direct operated axial slide solenoid valve for high viscosity, jelly-like and dirty fluids up to 160 bar pressure. The valve is back pressure resistant up to 16bar. Installation in horizontal or vertically pipe.

For more information follow this link:

<https://www.buschjostventile.de/en/products/2-918-10-R-282/details/2-918-24-1024-R282-NJ-1E?pressureRangeld=307>

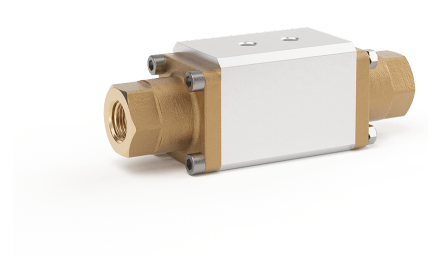
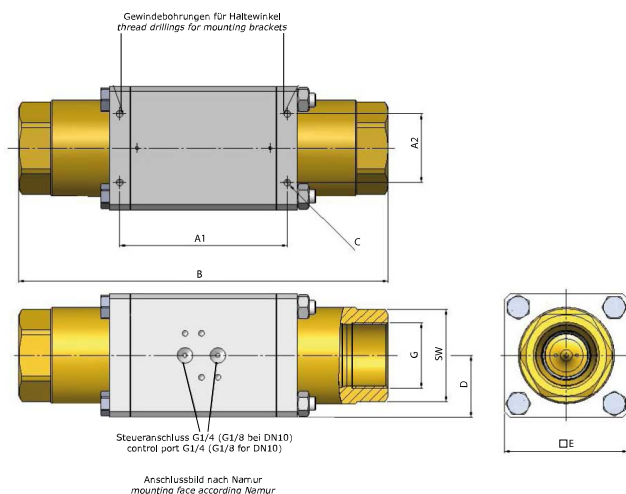


Image representation corresponds only to the valve design

Valve 2/918-24/1024/R282-NJ-1E

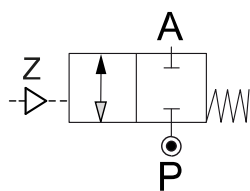
Version	2/918-	
Type of valve		Coaxial Valve, pneum. direct
Connection type, valve seat	24	G3/4, 20mm
Kv-value ($\Delta p = 1 \text{ bar H}_2\text{O}$)		9.4 m ³ /h
Housing	10	CW617N brass
Sealing	24	PTFE/FKM
Function	R	with spring CLOSED
Design	28	sliding type
Actuator size	2	sliding
Valve option	NJ-1E	NO 2.0 + Valve body with NPT thread + Back pressure safe + Magnetic field sensor
System pressure		0 - 160 bar
Control pressure		4 - 8 bar
Temperature Medium		from -20 °C to +100 °C
Temperature Environment		from -10 °C to +60 °C
Mounting position		in any position
Specific use case		Closed system (includes open system)

Drawing-Standard



(mm)	DN	G	SW	A1	A2	B	C	D	E	Gewicht weight ca. Kg
Version 0-160 bar	10	1/2	32	84	-	160	M4	25	50	1,6
	15	1/2	41	100	-	184	M5	35	70	2,8
	20	3/4-1	46	108	-	215	M5	40	80	4,0
	25	1	55	121	-	246	M5	45	90	5,3

Switching position



in Ruhestellung zu
normal closed

P ➤ A max. specif. pressure

A ➤ P limited to 16 bar !

Additional information

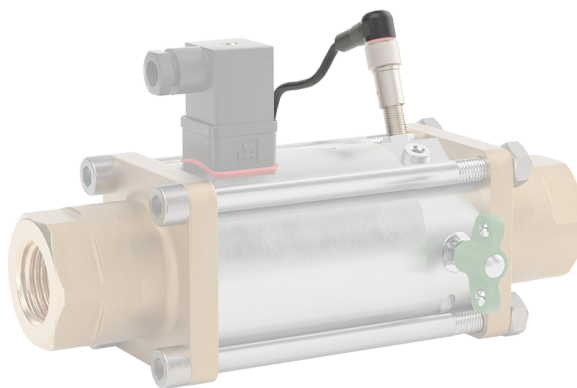
Valve option	NJ-1E	NO 2.0 + Valve body with NPT thread + Back pressure safe + Magnetic field sensor
Description		Valve closes with control pressure Conical internal thread Pressure in both directions number 2 Balluff BMF 305M-PS-C-2-S49 Connection cable M8x1, 3-pin, A-coded
REACH-RoHS conformity		REACH yes RoHS yes
Customs export		Customs tariff number 84812090; Country of origin Germany; ECCN (US): N; AL: N

Additional information for valve option

Option Endschalter -1E option limit switches -1E

- Induktiver Näherungsschalter (Schließer)
- optional mit Sensorleitung M12 2.0 m Länge, 3-adrig
 - ab Ventilgröße DN10
 - für beide Schaltstellungen sind 2 Schalter nötig!

Nennschaltabstand:	2 mm
Realschaltabstand:	1,6-2,4 mm
Nennspannung:	24VDC
Betriebsspannung:	10-30VDC
Stromaufnahme:	<10 mA
Ausgangsstrom:	<200 mA
Temperaturbereich:	-25°C bis +70°C
Ausgang:	PNP Schließer
Schutzart:	IP67



Beispiel: 1-fach Standardanzeige AUF oder ZU
example: 1 Position indicator Open or Close

