

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 in pipe.

For more information follow this link:

<https://www.buschjostventile.de/en/products/2-918-10-R-282/details/2-918-25-1024-R282-NJ-1E?pressureRangeld=307>

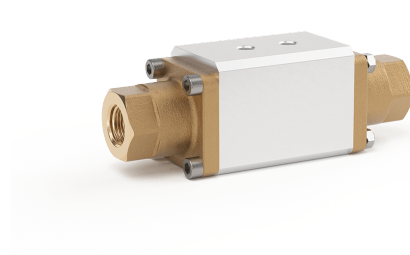
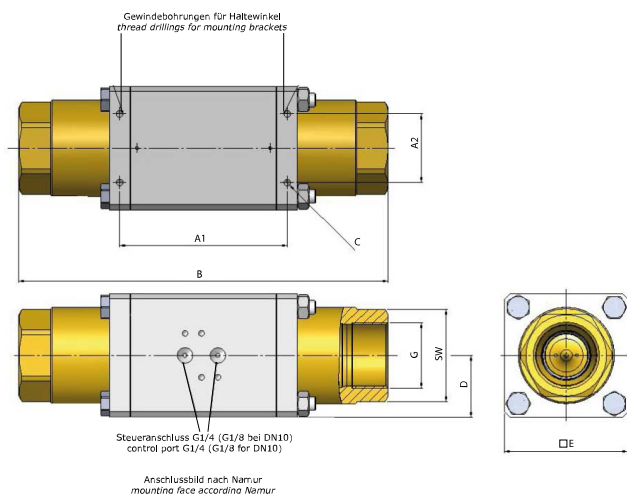


Image representation corresponds only to the valve design

Valve 2/918-25/1024/R282-NJ-1E

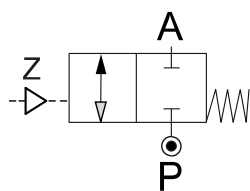
Version	2/918-	
Type of valve		Coaxial Valve, pneum. direct
Connection type, valve seat	25	G1, 25mm
Kv-value ($\Delta p = 1 \text{ bar H}_2\text{O}$)		14.5 m ³ /h
Housing	10	CW617N brass
Sealing	24	PTFE/FKM
Function	R	with spring CLOSED
Design	28	sliding type
Actuator size	2	sliding
Valve option	NJ-1E	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

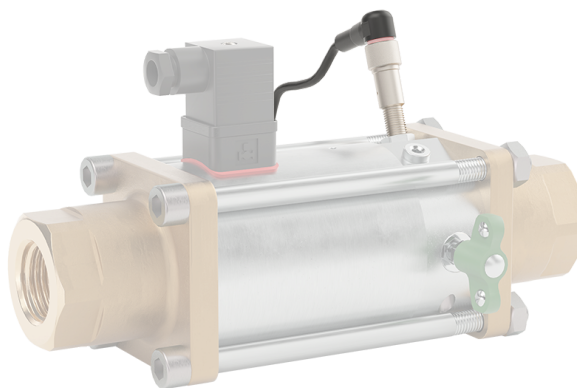
Option Endschalter -1E

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

