

## 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/2-918-27-1024-R282-WA?pressureRangeId=307>

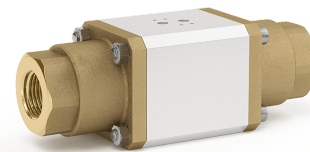
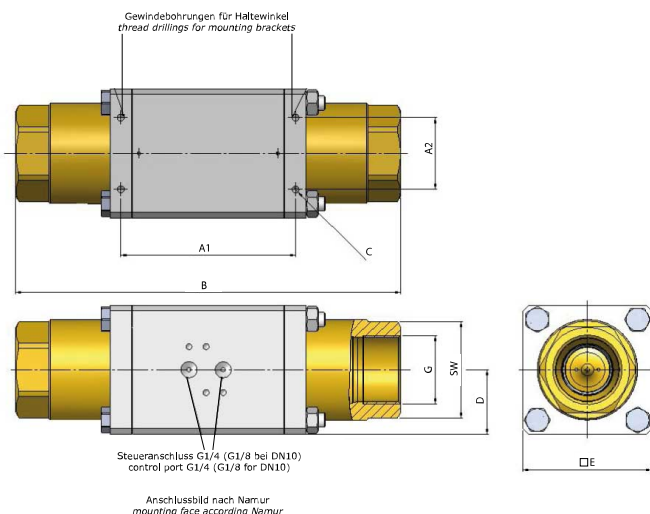


Image representation corresponds only to the valve design

## Valve 2/918-27/1024/R282-WA

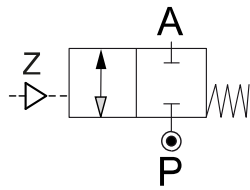
|                                                     |        |                                                                                     |
|-----------------------------------------------------|--------|-------------------------------------------------------------------------------------|
| Version                                             | 2/918- |                                                                                     |
| Type of valve                                       |        | Coaxial Valve, pneum. direct                                                        |
| Connection type, valve seat                         | 27     | G6/4, 40mm                                                                          |
| Kv-value ( $\Delta p = 1 \text{ bar H}_2\text{O}$ ) |        | 45.7 m <sup>3</sup> /h                                                              |
| Housing                                             | 10     | CW617N brass                                                                        |
| Sealing                                             | 24     | PTFE/FKM                                                                            |
| Function                                            | R      | with spring CLOSED                                                                  |
| Design                                              | 28     | sliding type                                                                        |
| Actuator size                                       | 2      | sliding                                                                             |
| Valve option                                        | WA     | normally closed + Water seal package                                                |
| System pressure                                     |        | 0 - 160 bar (the max. operating pressure requires a control pressure of min. 6 bar) |
| Control pressure                                    |        | 6 - 10 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<br>weight<br>ca. Kg |
|----------------------|----|-------|----|-----|----|-----|----|----|----|-----------------------------|
| Version<br>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          | WA | normally closed + Water seal package                                           |
| Description           |    | Valve opens with continuous voltage                                            |
| 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

no drawing available or necessary