

## 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/2-918-59-1024-R282-modul?pressureRangeId=307>

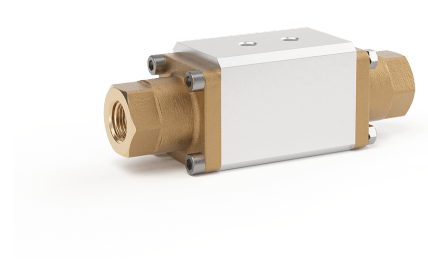
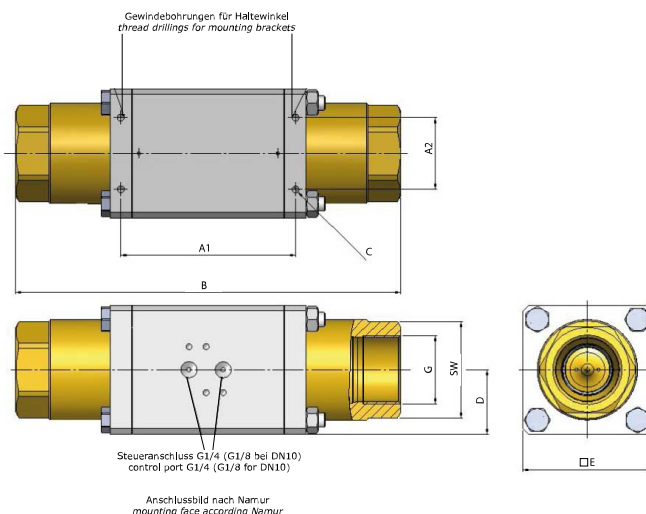


Image representation corresponds only to the valve design

## Valve 2/918-59/1024/R282-modul

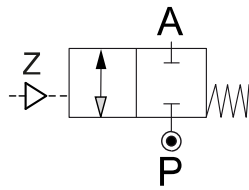
|                                                     |        |                                      |
|-----------------------------------------------------|--------|--------------------------------------|
| Version                                             | 2/918- |                                      |
| Type of valve                                       |        | Coaxial Valve, pneum. direct         |
| Connection type, valve seat                         | 59     | G3/8, 10mm                           |
| Kv-value ( $\Delta p = 1 \text{ bar H}_2\text{O}$ ) |        | 2.7 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                                        | modul  | Module design                        |
| 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<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

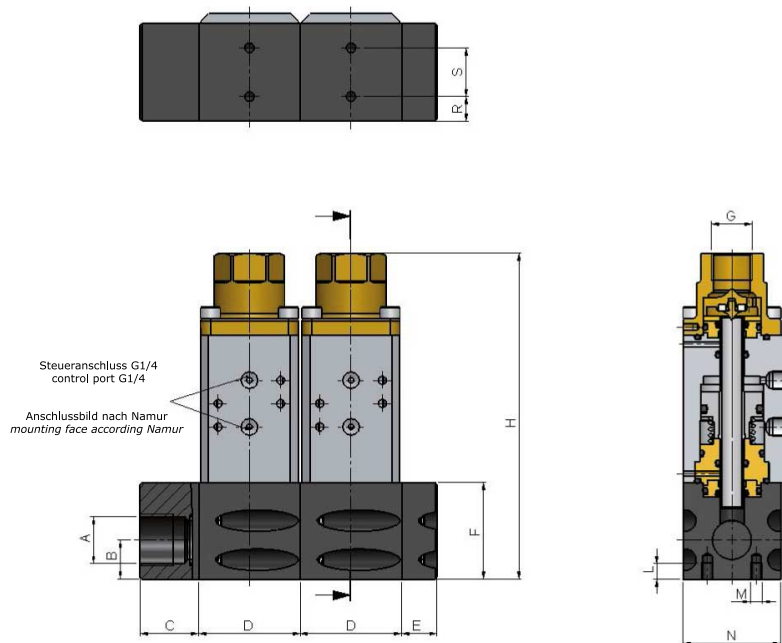
P ➤ A max. specif. pressure

A ➤ P limited to 16 bar !

## Additional information

| Valve option          | modul | Module design                                                                  |
|-----------------------|-------|--------------------------------------------------------------------------------|
| Description           |       | Block Aluminum   Single valve brass                                            |
| 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



### Maßzeichnung (mm) Modulbauweise dimension drawing (mm) modular design

| DN | A             | B  | C  | D   | E  | F     | H   | G           | L  | M   | N   | R  | S  |
|----|---------------|----|----|-----|----|-------|-----|-------------|----|-----|-----|----|----|
| 10 | 1/2-3/4-1     | 20 | 42 | 52  | 18 | 49,5  | 167 | 1/4-3/8-1/2 | 8  | M6  | 50  | 13 | 25 |
| 15 | 1/2-3/4-1-5/4 | 28 | 42 | 72  | 27 | 69,5  | 207 | 3/8-1/2-3/4 | 8  | M6  | 70  | 21 | 28 |
| 20 | 1-5/4-6/4     | 34 | 32 | 82  | 32 | 79,5  | 235 | 1/2-3/4-1   | 10 | M8  | 80  | 25 | 34 |
| 25 | 1-5/4-6/4     | 36 | 32 | 92  | 32 | 89,5  | 265 | 3/4-1-5/4   | 10 | M8  | 90  | 20 | 50 |
| 32 | 5/4-6/4-2     | 44 | 34 | 93  | 34 | 99,5  | 287 | 1-5/4-6/4   | 10 | M8  | 90  | 21 | 50 |
| 40 | 6/4-2-2 1/2   | 58 | 40 | 132 | 40 | 129,5 | 339 | 6/4         | 21 | M12 | 130 | 30 | 70 |
| 50 | 6/4-2-2 1/2   | 58 | 40 | 132 | 40 | 129,5 | 339 | 2           | 21 | M12 | 130 | 30 | 70 |