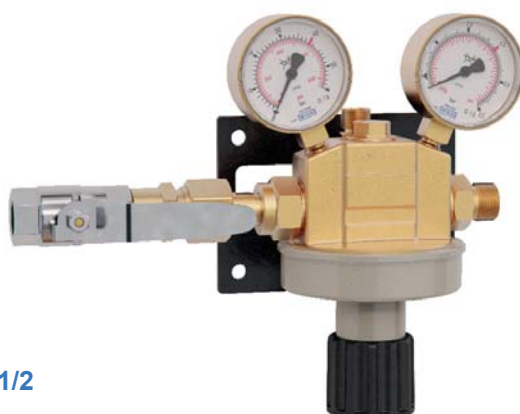




## Tapping point

EU11-BV-40-2,5-M-M-G1/2

### Product features

- Tapping point with ball valve, diaphragm pressure regulator and wall bracket
- For non-corrosive industrial gases
- Single-stage with high control accuracy
- Central filter in the pressure regulator
- Safety pressure gauge acc. to DIN ISO 5171
- Pressure regulator with integrated relief valve

### Attention:

For the pressure regulator U11 special outlet fittings with orifice holes have to be used to ensure a correct function of the regulator.  
see: data sheet "Fittings"

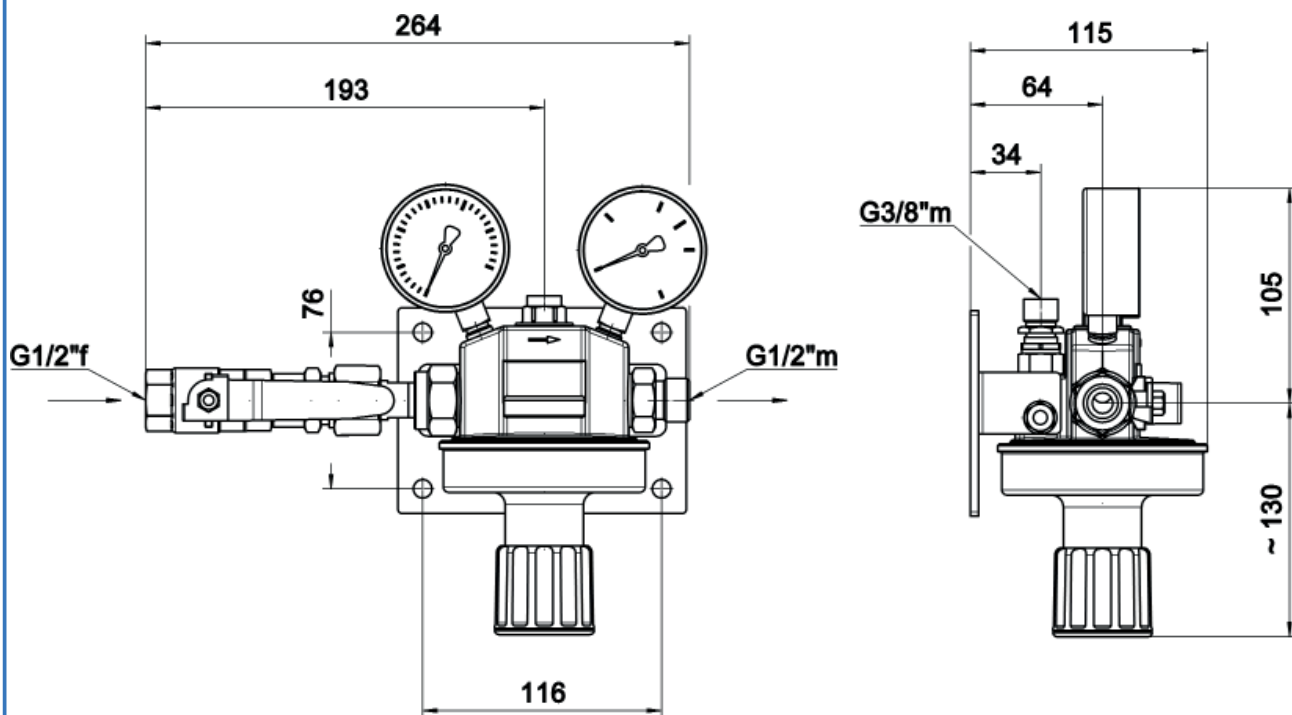
### Technical data

|                                      |                               |
|--------------------------------------|-------------------------------|
| <b>Type</b>                          | single-stage                  |
| <b>Flow rate Q</b>                   | max. 150 m <sup>3</sup> /h    |
| <b>Inlet pressure P<sub>1</sub></b>  | max. 40 bar                   |
| <b>Outlet pressure P<sub>2</sub></b> | max. 2,5 / 4 / 10 bar         |
| <b>Materials</b>                     |                               |
| Body:                                | brass                         |
| Bonnet:                              | Alu, powder coated            |
| Valve seat:                          | PA                            |
| Diaphragm:                           | NBR                           |
| <b>In- and outlets</b>               |                               |
| Inlet:                               | G 1/2" female                 |
| Outlet:                              | G 1/2" male                   |
| Pressure gauge ports:                | G 1/4" female                 |
| Outlet relief valve:                 | G 3/8" male                   |
| <b>Temperature range</b>             | -20°C to +60°C                |
| <b>Leak rate</b>                     | <10 <sup>-4</sup> mbar l/s He |
| <b>Weight</b>                        | ca. 3,8 kg                    |

### Performance factors and outlet pressures to find the flow rates of the tapping points EU11

| EU11 series                                                            |                                     |     |
|------------------------------------------------------------------------|-------------------------------------|-----|
| Type                                                                   |                                     | P   |
| Performance factor                                                     | L <sub>5</sub> (5% pressure drop)   | 2,5 |
|                                                                        | L <sub>10</sub> (10% pressure drop) | 4   |
|                                                                        | L <sub>max</sub>                    | 5,5 |
| Outlet pressure variations [%]<br>relating to inlet pressure variation |                                     | 2   |

## Dimensions and connections



## Ordering information: Tapping point EU11

**EU11 - BV - 40 - 4 - M - M - G1/2 - NFG**

### Inlet pressure $P_1$

**40** max. 40 bar

### Outlet pressure $P_2$

**2,5** max. 2,5 bar

**4** max. 4 bar

**10** max. 10 bar

### Type of gas

**NFG** non flammable gases  
**FG** flammable gases  
**O2** oxygen