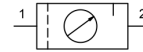


## Maintenance unit 1/4" Series MU301-14



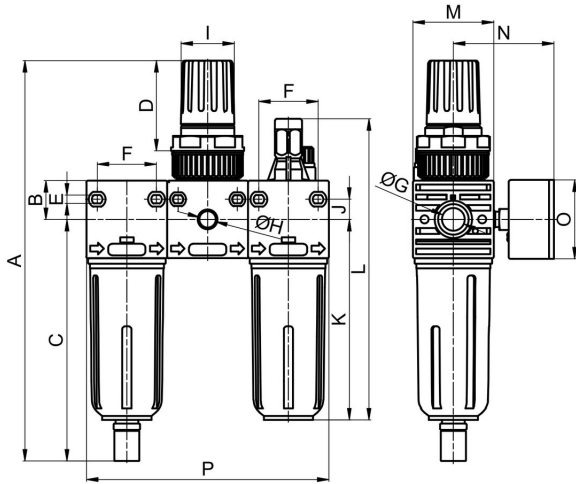
|                           |                                                                                                                                                            |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Design type               | Diaphragm pressure regulator with secondary venting, Centrifugal force principle filter, Sintered filter element, Proportional lubricator, Protective cage |
| Connection                | G1/4" according to ISO228/1                                                                                                                                |
| Pressure gauge connection | G1/8" according to ISO228/1                                                                                                                                |
| Materials                 | Housing Acetal resin (POM), Threaded connections Brass                                                                                                     |
| Function                  | Pressure regulation plus filtration plus enrichment of the compressed air with oil                                                                         |
| Mounting type             | Installation in piping system, Locknut or Wall mounting using mounting bracket                                                                             |
| Mounting position         | vertical, Condensate and oil reservoir downward                                                                                                            |
| Medium                    | Compressed air                                                                                                                                             |
| Medium temperature        | +5...+50°C                                                                                                                                                 |
| Ambient temperature       | +5...+50°C                                                                                                                                                 |
| Inlet pressure            | max. 16bar, 1,5-10bar with automatic drain valve K-SA                                                                                                      |
| Control ranges            | see "Order code"                                                                                                                                           |
| Flow direction            | is marked by an arrow                                                                                                                                      |
| Locking mechanism         | the pressure setting can be locked by pressing in the rotary knob                                                                                          |
| Condensate drain valve    | manual or semi-automatic                                                                                                                                   |
| Reservoir volume          | Filter 22cm <sup>3</sup> , Lubricator 42cm <sup>3</sup>                                                                                                    |
| Oil metering              | 1-2 drops per minute, with flow through the unit                                                                                                           |
| recommended oil           | after ISO VG 32, STASTO pneumatic oil HP32A                                                                                                                |
| Scope of delivery         | including Pressure gauge Ø40mm and Locknut                                                                                                                 |
| Accessories               | Holding angle MMP01-14 for wall mounting, automatic Drain valve K-SA                                                                                       |
| Special version           | lockable version                                                                                                                                           |



Order code

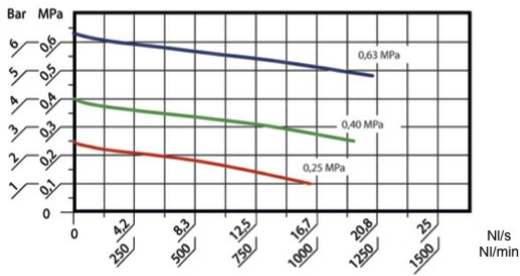
|                             |                                          |        |  |  |  |  |  |  |  |
|-----------------------------|------------------------------------------|--------|--|--|--|--|--|--|--|
| MU301 - 14 - 0,5/8 - F5 - A |                                          |        |  |  |  |  |  |  |  |
| Connection                  | 1/4"                                     | 14     |  |  |  |  |  |  |  |
| Pressure range              | 0,5...4bar                               | 0,5/4  |  |  |  |  |  |  |  |
|                             | 0,5...8bar                               | 0,5/8  |  |  |  |  |  |  |  |
|                             | 0,5...12bar                              | 0,5/12 |  |  |  |  |  |  |  |
| Filter element              | 20µm (Leave blank)                       |        |  |  |  |  |  |  |  |
|                             | 5µm                                      | F5     |  |  |  |  |  |  |  |
| Drain valve                 | semi-automatic drain valve (Leave blank) |        |  |  |  |  |  |  |  |
|                             | automatic drain valve                    | A      |  |  |  |  |  |  |  |

Dimensions



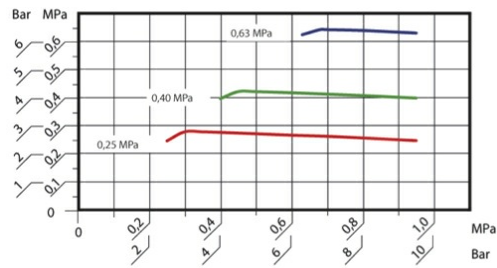
| Connection G | A   | B  | C     | D  | E   | F     | H     | I       | J    | K   | L     | M  | N   | O  | P   | Weight [approx. kg] | Type           |
|--------------|-----|----|-------|----|-----|-------|-------|---------|------|-----|-------|----|-----|----|-----|---------------------|----------------|
| G1/4"        | 208 | 20 | 125,5 | 47 | 4,5 | 30÷32 | G1/8" | M30x1,5 | 10,5 | 104 | 156,5 | 42 | ~52 | 40 | 126 | 0,48                | MU301-14-0,5/8 |

Flow diagram



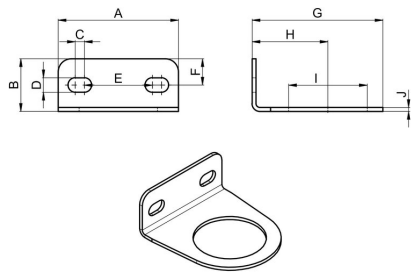
Inlet pressure = 10bar

Control characteristic



Flow rate constant = 34Nl/min  
horizontal axis: Inlet pressure  
vertical axis: Outlet pressure

Accessories



| A  | B  | C   | D   | E  | F  | G  | H  | I  | J   | Type     |
|----|----|-----|-----|----|----|----|----|----|-----|----------|
| 46 | 20 | 3,5 | 5,5 | 26 | 10 | 50 | 29 | 30 | 1,5 | MMP01-14 |

Illustrations non-binding  
Design, dimensional and material changes reserved