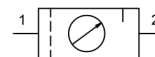


## Maintenance unit G1/2" and G3/4" Series MU203



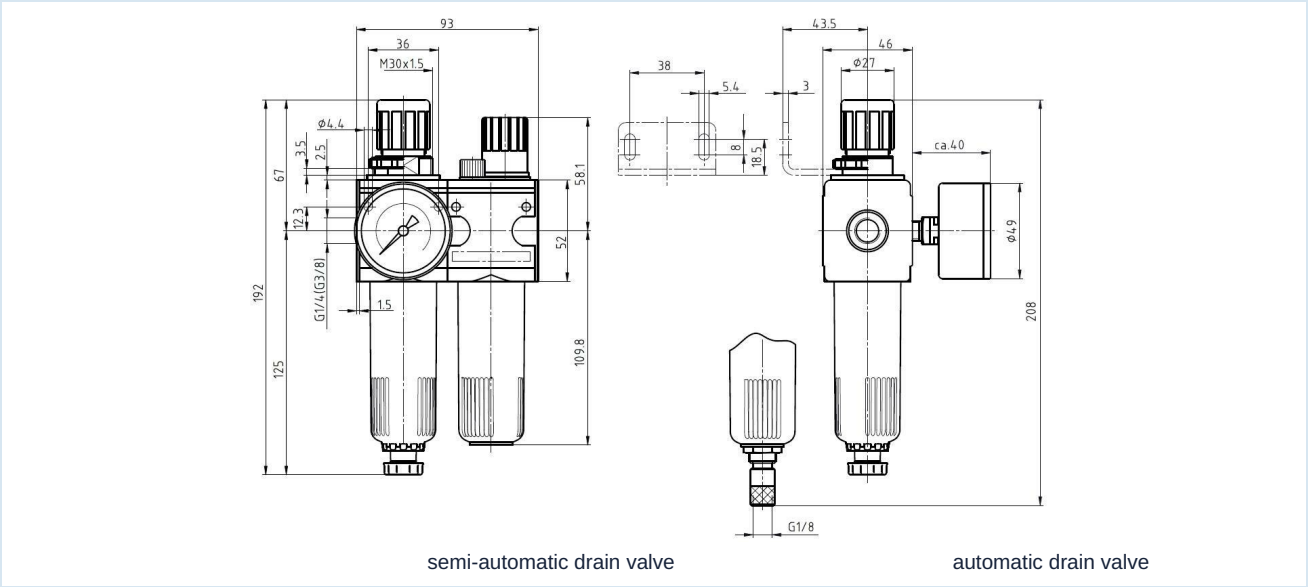
|                     |                                                                                                                                                                       |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Design type         | Diaphragm pressure regulator with secondary venting, Centrifugal force principle filter, Sintered filter element, semi-automatic drain valve, Proportional lubricator |
| Connection          | G1/2" and G3/4" according to ISO228/1                                                                                                                                 |
| Materials           | Housing Zinc die casting, Oil and condensate reservoir Polycarbonate or Metal, Seals NBR, Knob POM                                                                    |
| Function            | Pressure regulation with filtration and enrichment of the compressed air with oil                                                                                     |
| Locking mechanism   | Pressure setting can be locked by pressing in the rotary knob                                                                                                         |
| Filter element      | 5µm                                                                                                                                                                   |
| Mounting type       | Installation in piping system, Locknut or Wall mounting using mounting bracket                                                                                        |
| Mounting position   | vertical, Drain screw bottom                                                                                                                                          |
| Medium              | Compressed air                                                                                                                                                        |
| Oil recommendation  | HP32A (Temperature range 0...50°C), NR32 (Temperature range -35...85°C)                                                                                               |
| Medium temperature  | with plastic bowl 0...+60°C, with metal bowl 0...+60°C (with appropriately conditioned compressed air -10...+60°C)                                                    |
| Ambient temperature | with plastic bowl 0...+60°C, with metal bowl -10...+60°C                                                                                                              |
| Inlet pressure      | maximum 16bar, with automatic drain valve 1,5...16bar                                                                                                                 |
| Control ranges      | 0,5...10bar (0,1...3bar / 0,2...6bar / 0,5...16bar on request)                                                                                                        |
| Flow direction      | is marked by an arrow                                                                                                                                                 |
| Scope of delivery   | including pressure gauge                                                                                                                                              |

### Order code

| MU203 - 12 - 0,5/3 - P - A |                                          |        |  |
|----------------------------|------------------------------------------|--------|--|
|                            |                                          |        |  |
|                            | 1/2"                                     | 12     |  |
| Connection                 | 3/4"                                     | 34     |  |
|                            |                                          |        |  |
| Pressure range             | 0,1...3bar                               | 0,1/3  |  |
|                            | 0,2...6bar                               | 0,2/6  |  |
|                            | 0,5...10bar                              | 0,5/10 |  |
|                            | 0,5...16bar                              | 0,5/16 |  |
|                            |                                          |        |  |
| Reservoir                  | Plastic reservoir (Leave blank)          |        |  |
|                            | Plastic reservoir with protective cage   | P      |  |
|                            | Metal container                          | M      |  |
|                            |                                          |        |  |
| Drain valve                | semi-automatic drain valve (Leave blank) |        |  |
|                            | automatic drain valve                    | A      |  |



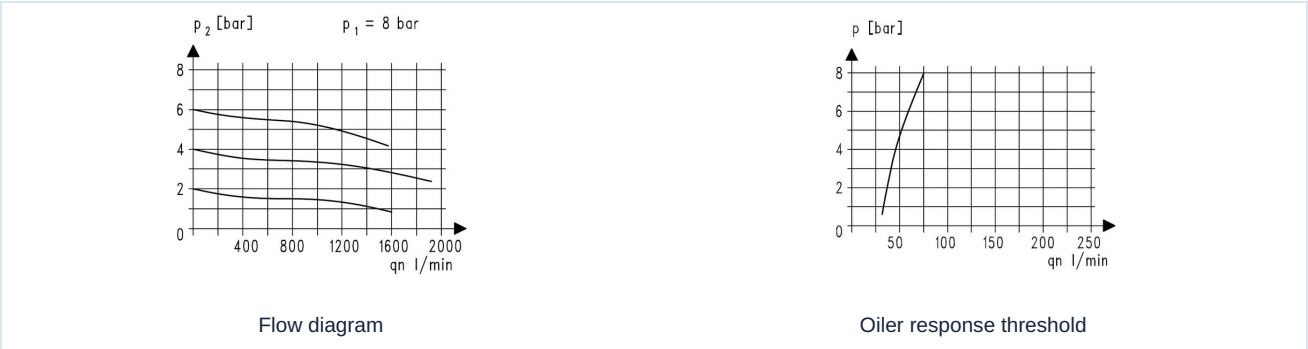
Dimensional drawing, Characteristics



| Connection | Flow rate at 6 bar*<br>[Nl/min] | max. Inlet pressure<br>[bar] | Pressure range<br>[bar] | Type              |
|------------|---------------------------------|------------------------------|-------------------------|-------------------|
| G1/2"      | 3500                            | 16                           | 0,5...10                | MU203-12-0,5/10   |
| G1/2"      | 3500                            | 16                           | 0,5...10                | MU203-12-0,5/10-P |
| G1/2"      | 3500                            | 16                           | 0,5...10                | MU203-12-0,5/10-M |
| G3/4"      | 3500                            | 16                           | 0,5...10                | MU203-34-0,5/10   |
| G3/4"      | 3500                            | 16                           | 0,5...10                | MU203-34-0,5/10-P |
| G3/4"      | 3500                            | 16                           | 0,5...10                | MU203-34-0,5/10-M |

\*Flow rate data at inlet pressure of 8bar, outlet pressure of 6bar and 1bar Pressure drop

Flow diagram, Oiler response threshold



Accessories

| Designation                    | Type        |
|--------------------------------|-------------|
| Locknut M50x1,5                | MPN03-12/34 |
| Holding angle with nut M50x1,5 | MMP03-12/34 |
| Holding angle with 2 screws    | MMB03-12/34 |

Illustrations non-binding  
Design, dimensional and material changes reserved