

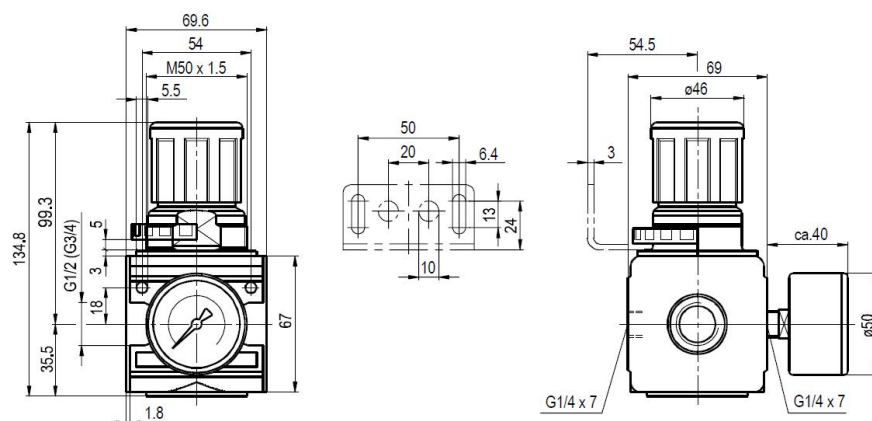
## Pressure regulator G1/2" and G3/4" Series Modul RE03



|                     |                                                                        |
|---------------------|------------------------------------------------------------------------|
| Design type         | Diaphragm pressure regulator with secondary venting                    |
| Connection          | G1/2" and G3/4" according to ISO228/1                                  |
| Materials           | Housing Zinc die casting, Seals NBR, Spring cap POM                    |
| Function            | Secondary pressure regulation                                          |
| Locking mechanism   | Pressure setting can be locked by pressing in the rotary knob          |
| Mounting position   | any                                                                    |
| Medium              | filtered compressed air                                                |
| Medium temperature  | 0...+60°C, (with appropriately conditioned compressed air -10...+60°C) |
| Ambient temperature | -10...+60°C                                                            |
| Inlet pressure      | maximum 16bar                                                          |
| Control ranges      | 0,1...3/0,2...6/0,5...10 and 0,5...16bar                               |
| Flow direction      | is marked by an arrow                                                  |
| Scope of delivery   | including pressure gauge                                               |



## Dimensional drawing



| Connection | Flow rate at 6 bar*<br>[Nl/min] | Pressure range<br>[bar] | Type              |
|------------|---------------------------------|-------------------------|-------------------|
| G1/2"      | 6000                            | 0,1...3                 | RE03-12-0,1/3-MA  |
| G1/2"      | 6000                            | 0,2...6                 | RE03-12-0,2/6-MA  |
| G1/2"      | 6000                            | 0,5...10                | RE03-12-0,5/10-MA |
| G1/2"      | 6000                            | 0,5...16                | RE03-12-0,5/16-MA |
| G3/4"      | 6000                            | 0,1...3                 | RE03-34-0,1/3-MA  |
| G3/4"      | 6000                            | 0,2...6                 | RE03-34-0,2/6-MA  |
| G3/4"      | 6000                            | 0,5...10                | RE03-34-0,5/10-MA |
| G3/4"      | 6000                            | 0,5...16                | RE03-34-0,5/16-MA |

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

## Flow diagram for control range 0,5...10 bar



## 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

Pneumatics / Regulators, filters and lubricators / Maintenance devices - series Modul / Pressure regulator Series Modul RE03 / [RE03-12-0,5/10-MA] Pressure regulator RE03-12-0,5/10-MA

Version 6

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