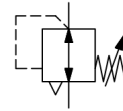


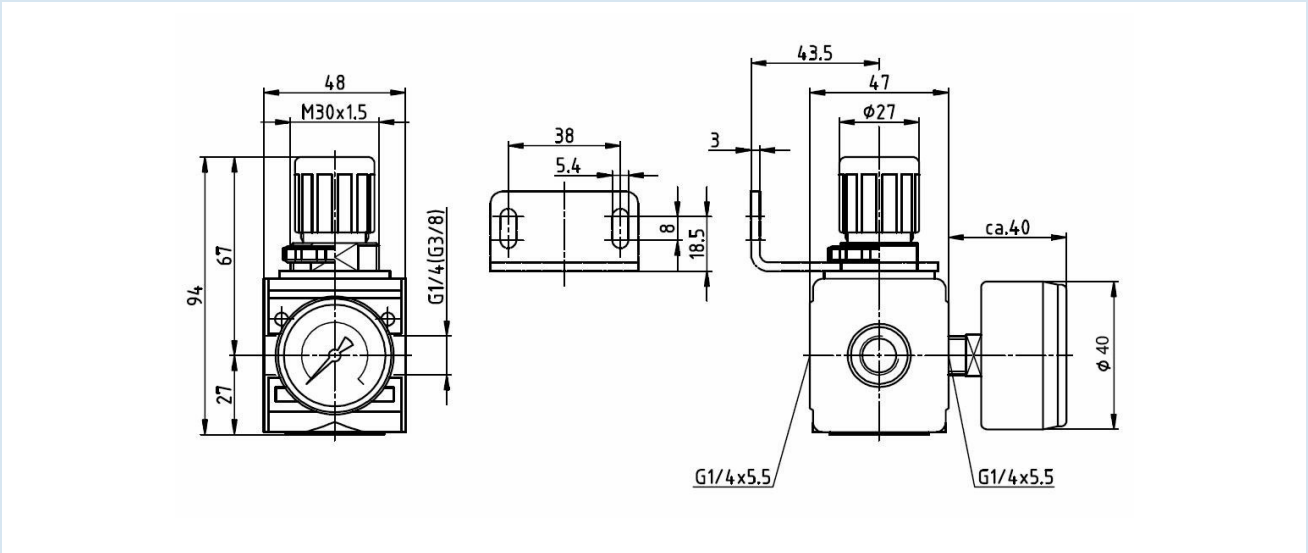
## Precision pressure regulator G1/4" Series Modul RE03-PR



|                     |                                                                                                          |
|---------------------|----------------------------------------------------------------------------------------------------------|
| Design type         | Precision diaphragm pressure regulator with secondary venting and Intrinsic air consumption of 2,6Nl/min |
| Connection          | G1/4" 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 and 0,5...10bar                                                                          |
| Accuracy            | 50mbar                                                                                                   |
| Flow direction      | is marked by an arrow                                                                                    |
| Scope of delivery   | including pressure gauge                                                                                 |



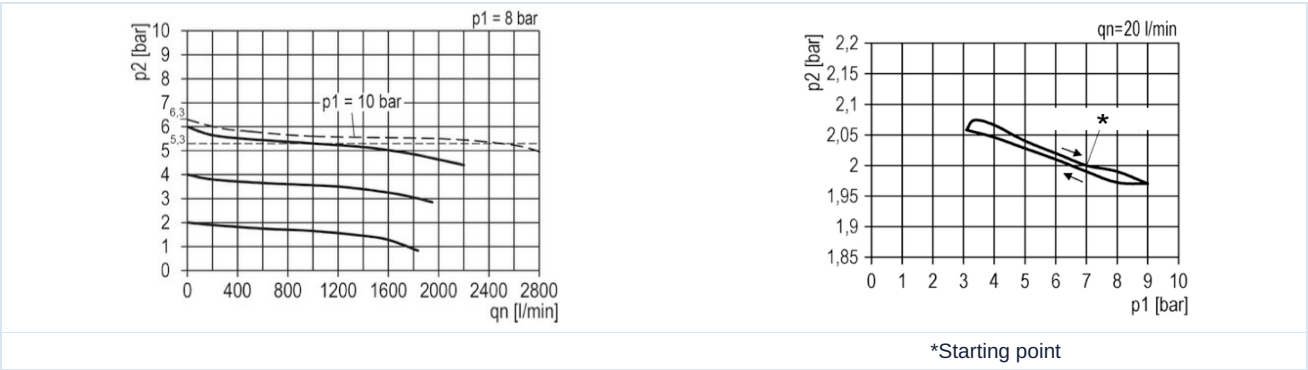
Dimensional drawing



| Connection | Flow rate at 6 bar*<br>[Nl/min] | Pressure range<br>[bar] | Type                   |
|------------|---------------------------------|-------------------------|------------------------|
| G1/4"      | 1500                            | 0,1...3                 | RE03-14VH-0,1/3-MA-PR  |
| G1/4"      | 1500                            | 0,2...6                 | RE03-14VH-0,2/6-MA-PR  |
| G1/4"      | 1500                            | 0,5...10                | RE03-14VH-0,5/10-MA-PR |

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, Hysteresis



Accessories

| Designation                    | Type        |
|--------------------------------|-------------|
| Locknut M30x1,5                | MPN03-18/38 |
| Holding angle with nut M30x1,5 | MMP03-18/38 |

Illustrations non-binding  
Design, dimensional and material changes reserved