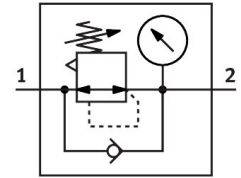


# Pressure regulator VRPA-LM-R14-Q6

Part number: 8086012

**FESTO**



## Data sheet

| Feature                                                   | Value                                                                                    |
|-----------------------------------------------------------|------------------------------------------------------------------------------------------|
| Controller function                                       | Constant output pressure<br>With secondary exhausting<br>With return flow characteristic |
| Pneumatic connection 1                                    | R1/4                                                                                     |
| Pneumatic connection 2                                    | QS-6                                                                                     |
| Type of mounting                                          | Screw-in                                                                                 |
| Normal nominal flow rate (normalized to DIN 1343)         | 115 l/min                                                                                |
| Ambient temperature                                       | 0 °C...60 °C                                                                             |
| Housing material                                          | PBT                                                                                      |
| Operating medium                                          | Compressed air as per ISO 8573-1:2010 [7:4:4]                                            |
| Mounting position                                         | Any                                                                                      |
| Actuation type                                            | Manual                                                                                   |
| Type of seal on screwed plug                              | Coating                                                                                  |
| Adjusting element                                         | Rotary knob with latch                                                                   |
| Rotatability                                              | 360 deg/continuous swiveling not permissible                                             |
| Pressure gauge                                            | with pressure gauge                                                                      |
| Pressure regulation range MPa                             | 0.1 MPa...0.8 MPa                                                                        |
| Pressure regulation range                                 | 1 bar...8 bar                                                                            |
| Pressure regulation range psi                             | 14.5 psi...116 psi                                                                       |
| Information on operating and pilot media                  | Operation with oil lubrication possible (required for further use)                       |
| LABS (PWIS) conformity                                    | VDMA24364-B2-L                                                                           |
| Cleanroom suitability, measured according to ISO 14644-14 | Class 4 according to ISO 14644-1                                                         |
| Product weight                                            | 49 g                                                                                     |
| Material of screwed plug                                  | Brass, nickel-plated                                                                     |
| Note on materials                                         | RoHS compliant                                                                           |
| Material of threaded seal                                 | PTFE                                                                                     |
| Static seal material                                      | NBR                                                                                      |