

# Pressure regulator VRPA-LM-R18-Q4

Part number: 8086009

FESTO



 General operating condition

## Data sheet

| Feature   | Value  |
|---|--|
| Controller function                                       | Output pressure constant<br>With secondary venting<br>With return flow function            |
| Pneumatic connection, port 1                              | R1/8   |
| Pneumatic connection, port 2                              | QS-4   |
| Type of mounting  | Screw-in   |
| Standard nominal flow rate (standardised to DIN 1343)     | 90 l/min   |
| Ambient temperature                                       | 0 °C ... 60 °C   |
| Material housing  | PBT  |
| Operating medium  | Compressed air to ISO 8573-1:2010 [7:4:4]  |
| Mounting position   | optional   |
| Type of actuation   | Manual   |
| Type of seal on screwed plug                              | Coating  |
| Adjustment component                                      | Rotary knob with detent  |
| Symbol  | 00991558   |
| Rotatability  | 360°/no continuous swivelling permissible  |
| Pressure gauge (ANALOG) or Pressure display (DIGITAL)     | With pressure gauge  |
| Pressure regulation range                                 | 0.1 MPa ... 0.8 MPa  |
| Pressure regulation range                                 | 1 bar ... 8 bar  |
| Pressure regulation range                                 | 14.5 psi ... 116 psi   |
| Note on operating and pilot medium                        | Lubricated operation possible (in which case lubricated operation will always be required) |
| LABS (PWIS) conformity                                    | VDMA24364-B2-L   |
| Cleanroom suitability, measured according to ISO 14644-14 | Class 4 according to ISO 14644-1   |
| Product weight  | 29 g   |
| Material screwed plug                                     | Nickel-plated brass  |
| Note on materials   | RoHS-compliant   |
| Material thread seal                                      | PTFE   |
| Material static seals                                     | NBR  |