


# Pressure regulator MS9-LR-G-D5-AG-BAR-AS

Part number: 564134

FESTO



 [General operating condition](#)

## Data sheet

| Feature   | Value  |
|---|--|
| Size  | 9  |
| Series  | MS   |
| Actuator lock   | can be closed with accessories   |
| Mounting position   | Any  |
| Design  | Piloted diaphragm regulator  |
| Controller function                                       | Output pressure constant<br>With primary pressure compensation<br>With secondary exhausting<br>With return flow function |
| Symbol  | 00991536   |
| Pressure gauge (ANALOG) or Pressure display (DIGITAL)     | With pressure gauge  |
| Operating pressure  | 1 bar ... 20 bar   |
| Pressure regulation range                                 | 0.5 bar ... 4 bar  |
| Max. pressure hysteresis                                  | 0.4 bar  |
| Operating medium  | Compressed air to ISO 8573-1:2010 [7:4:4]<br>Inert gas   |
| Note on operating and pilot medium                        | Lubricated operation possible (in which case lubricated operation will always be required)                               |
| Corrosion resistance class CRC                            | 2 - Moderate corrosion stress  |
| LABS (PWIS) conformity                                    | VDMA24364-B1/B2-L  |
| Cleanroom suitability, measured according to ISO 14644-14 | Class 7 according to ISO 14644-1   |
| Storage temperature                                       | -10 °C ... 60 °C   |
| Media temperature   | -10 °C ... 60 °C   |
| Ambient temperature                                       | -10 °C ... 60 °C   |
| Product weight  | 1400 g   |
| Type of mounting  | With accessories   |
| Material covering   | Reinforced PA  |
| Note on materials   | RoHS compliant   |
| Material sub-base   | Die-cast aluminium   |
| Material mounting bracket                                 | Die-cast aluminium   |
| Material housing  | Die-cast aluminium   |
| Material module connector                                 | Die-cast aluminium   |
| Material membrane   | NBR  |

| Feature             | Value                                 |
|---------------------|---------------------------------------|
| Material valve stem | Wrought aluminium alloy<br>NBR<br>POM |