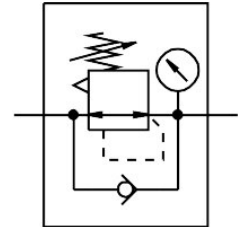


# Pressure regulator MS9-LR-NG-D5-DI-AG-PSI-AS

Part number: 564140

**FESTO**



 General operating condition

## Data sheet

| Feature                                  | Value                                                                                                                    |
|------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| Size                                     | 9                                                                                                                        |
| Series                                   | MS                                                                                                                       |
| Actuator lock                            | can be closed with accessories                                                                                           |
| Mounting position                        | Any                                                                                                                      |
| Structural design                        | Directly controlled diaphragm regulator                                                                                  |
| Controller function                      | Outlet pressure constant<br>With primary pressure compensation<br>With secondary exhausting<br>With return flow function |
| Symbol                                   | 00991536                                                                                                                 |
| Pressure gauge                           | 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 as per ISO 8573-1:2010 [7:4:4]<br>Inert gas                                                               |
| Information on operating and pilot media | Operation with oil lubrication possible (required for further use)                                                       |
| Corrosion resistance class (CRC)         | 2 - Moderate corrosion stress                                                                                            |
| LABS (PWIS) conformity                   | VDMA24364-B1/B2-L                                                                                                        |
| Storage temperature                      | -10 °C ... 60 °C                                                                                                         |
| Temperature of medium                    | -10 °C ... 60 °C                                                                                                         |
| Ambient temperature                      | -10 °C ... 60 °C                                                                                                         |
| Product weight                           | 1400 g                                                                                                                   |
| Type of mounting                         | With accessories                                                                                                         |
| Covering material                        | PA-reinforced                                                                                                            |
| Note on materials                        | RoHS-compliant                                                                                                           |
| Material of sub-base                     | Die-cast aluminum                                                                                                        |
| Material of mounting bracket             | Die-cast aluminum                                                                                                        |
| Housing material                         | Die-cast aluminum                                                                                                        |
| Module connector material                | Die-cast aluminum                                                                                                        |
| Diaphragm material                       | NBR                                                                                                                      |
| Valve tappet material                    | Wrought aluminum alloy<br>NBR<br>POM                                                                                     |