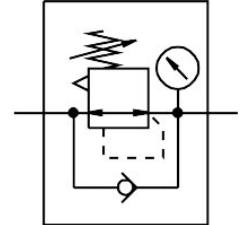


# Pressure regulator MS9-LR-NG-D5-DI-AG-PSI-AS

Part number: 564140

**FESTO**



## 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                                       | Constant output pressure<br>With primary pressure compensation<br>With secondary exhausting<br>With return flow characteristic |
| 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 gases                                                                   |
| 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                                                                                                              |
| Cleanroom suitability, measured according to ISO 14644-14 | Class 7 according to ISO 14644-1                                                                                               |
| 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                                          | Alternatively:<br>Front panel mounting<br>In-line installation<br>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                                                                                                              |

| Feature                   | Value                                |
|---------------------------|--------------------------------------|
| Module connector material | Die-cast aluminum                    |
| Diaphragm material        | NBR                                  |
| Valve tappet material     | Wrought aluminum alloy<br>NBR<br>POM |