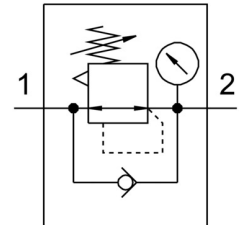


# Pressure regulator LRS-1-D-7-DI-MAXI

Part number: 194680

**FESTO**



## Data sheet

| Feature                                  | Value                                                                                                                    |
|------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| Size                                     | Maxi                                                                                                                     |
| Type code                                | LRS                                                                                                                      |
| Series                                   | D                                                                                                                        |
| Actuator lock                            | Rotary knob with detent                                                                                                  |
| 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                                   | 00991558                                                                                                                 |
| Pressure gauge                           | with pressure gauge                                                                                                      |
| Operating pressure                       | 1 bar ... 16 bar                                                                                                         |
| Pressure regulation range                | 0.5 bar ... 7 bar                                                                                                        |
| Max. pressure hysteresis                 | 0.4 bar                                                                                                                  |
| Standard nominal flow rate               | 8400 l/min                                                                                                               |
| 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                                                                                            |
| Air quality class at the output          | Compressed air as per ISO 8573-1:2010 [7:4:4]<br>Inert gas                                                               |
| Temperature of medium                    | -10 °C ... 60 °C                                                                                                         |
| Ambient temperature                      | -10 °C ... 60 °C                                                                                                         |
| Product weight                           | 1680 g                                                                                                                   |
| Type of mounting                         | Front panel mounting<br>Line installation<br>With accessories                                                            |
| Pneumatic connection 1                   | G1                                                                                                                       |
| Pneumatic connection 2                   | G1                                                                                                                       |
| Note on materials                        | RoHS-compliant                                                                                                           |
| Material of sub-base                     | Die-cast zinc                                                                                                            |
| Seals material                           | NBR                                                                                                                      |
| Housing material                         | Die-cast zinc                                                                                                            |
| Diaphragm material                       | NBR                                                                                                                      |