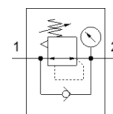
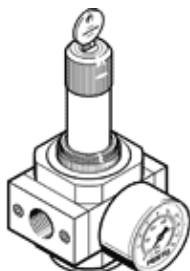


# pressure regulator LRS-1/2-D-7-DI-MAXI

Part number: 194672

FESTO

Directly actuated regulator, with lockable regulator head.



## Data sheet

| Feature                                 | values   |
|---|--|
| Size                                    | Maxi   |
| Series                                  | D  |
| Actuator lock                           | Rotary knob with lock  |
| Assembly position                       | Any  |
| Design structure                        | directly-controlled diaphragm regulator  |
| Controller function                     | Output pressure constant<br>with initial pressure compensation<br>with secondary exhaust<br>with return flow |
| Pressure gauge                          | with pressure gauge  |
| Operating pressure                      | 1 ... 16 bar   |
| Pressure regulation range               | 0.5 ... 7 bar  |
| Max. pressure hysteresis                | 0.4 bar  |
| Standard nominal flow rate              | 7,300 l/min  |
| Operating medium                        | Compressed air in accordance with ISO8573-1:2010 [7:4:4]<br>Inert gases                                      |
| Note on operating and pilot medium      | Lubricated operation possible (subsequently required for further operation)                                  |
| Corrosion resistance classification CRC | 2 - Moderate corrosion stress  |
| Air purity class at output              | Compressed air in accordance with ISO8573-1:2010 [7:4:4]<br>Inert gases                                      |
| Medium temperature                      | -10 ... 60 °C  |
| Ambient temperature                     | -10 ... 60 °C  |
| Product weight                          | 1,680 g  |
| Mounting type                           | Front panel installation<br>Line installation<br>with accessories  |
| Pneumatic connection, port 1            | G1/2   |
| Pneumatic connection, port 2            | G1/2   |
| Materials note                          | Conforms to RoHS   |
| Materials information for sub-base      | Zinc die-casting   |
| Materials information for seals         | NBR  |
| Materials information, housing          | Zinc die-casting   |
| Materials information for membrane      | NBR  |