

Pressure regulator

LRS-1-D-7-O-DI-MAXI

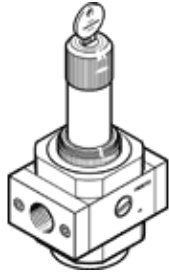
Part number: 194681

Classic - do not use for new projects

Directly actuated regulator, with lockable regulator head.

Modern alternatives can be found by entering the first four characters of the type code in the search field.

FESTO



Data sheet

| Feature | Value |
|---|--|
| Size | Maxi |
| Series | D |
| Actuator lock | Rotary knob with lock |
| Assembly position | Any |
| Design structure | directly-controlled diaphragm regulator |
| Controller function | Output pressure constant with initial pressure compensation with secondary exhaust with return flow |
| Pressure gauge | Prepared for G1/4 |
| Working pressure | 1 ... 16 bar |
| Pressure regulation range | 0.5 ... 7 bar |
| Max. pressure hysteresis | 0.4 bar |
| Standard nominal flow rate | 8,400 l/min |
| Operating medium | Compressed air in accordance with ISO8573-1:2010 [7:4:4] Inert gases |
| Note on operating and pilot medium | Lubricated operation possible (subsequently required for further operation) |
| Corrosion resistance classification CRC | 2 - Moderate corrosion stress |
| PWIS conformity | VDMA24364-B1/B2-L |
| Air purity class at output | Compressed air in accordance with ISO8573-1:2010 [7:4:4] Inert gases |
| Medium temperature | -10 ... 60 °C |
| Ambient temperature | -10 ... 60 °C |
| Product weight | 1,610 g |
| Mounting type | Front panel installation Line installation with accessories |
| Pneumatic connection, port 1 | G1 |
| Pneumatic connection, port 2 | G1 |
| Materials note | Conforms to RoHS |
| Material of connecting plate | Zinc die-casting |
| Material seals | NBR |
| Material housing | Zinc die-casting |
| Material membrane | NBR |