

# Rotary distributor GF-1/4-2

Part number: 539288

**FESTO**



 [General operating condition](#)

## Data sheet

| Feature                                         | Value                                                                                |
|-------------------------------------------------|--------------------------------------------------------------------------------------|
| Nominal width                                   | 8 mm                                                                                 |
| Mounting position                               | Any                                                                                  |
| Operating pressure for entire temperature range | -0.095 MPa ... 1 MPa                                                                 |
| Operating pressure for entire temperature range | -0.95 bar ... 10 bar                                                                 |
| Operating pressure for entire temperature range | -13.775 psi ... 145 psi                                                              |
| Standard nominal flow rate 1.1-2.1              | 1250 l/min                                                                           |
| Standard nominal flow rate 1.2-2.2              | 2020 l/min                                                                           |
| Max. rotational speed                           | 300 rpm                                                                              |
| Operating medium                                | Compressed air as per ISO 8573-1:2010 [7::-]<br>Water (liquid, ice-free)             |
| Information on operating and pilot media        | Use 5 µm filter when operating with water<br>Operation with oil lubrication possible |
| Corrosion resistance class (CRC)                | 1 - Low corrosion stress                                                             |
| LABS (PWIS) conformity                          | VDMA24364-B1/B2-L                                                                    |
| Ambient temperature                             | -10 °C ... 80 °C                                                                     |
| Max. axial force                                | 100 N                                                                                |
| Max. radial force                               | 300 N                                                                                |
| Product weight                                  | 2950 g                                                                               |
| Pneumatic connection 1                          | G1/4                                                                                 |
| Pneumatic connection 2                          | G1/4                                                                                 |
| Note on materials                               | RoHS-compliant                                                                       |
| Housing material                                | Brass, nickel-plated                                                                 |
| Shaft material                                  | High-alloy steel                                                                     |