

# Sealing ring OL-1/8

Part number: 33840

FESTO



 General operating condition

## Data sheet

| Feature                                                   | Value                                                                                    |
|-----------------------------------------------------------|------------------------------------------------------------------------------------------|
| Based on norm                                             | ISO 16030                                                                                |
| Operating pressure for entire temperature range           | -0.095 MPa ... 3 MPa                                                                     |
| Operating pressure for entire temperature range           | -0.95 bar ... 30 bar                                                                     |
| Operating pressure for entire temperature range           | -13.775 psi ... 435 psi                                                                  |
| Corrosion resistance class (CRC)                          | 2 - Moderate corrosion stress                                                            |
| LABS (PWIS) conformity                                    | VDMA24364-B2-L                                                                           |
| Suitability for the production of Li-ion batteries        | Suitable for battery production with reduced Cu/Zn/Ni values (F1a)                       |
| Cleanroom suitability, measured according to ISO 14644-14 | Statically installed element, no meaningful evaluation possible according to ISO 14644-1 |
| Ambient temperature                                       | -40 °C ... 100 °C                                                                        |
| Manual tightening at RT                                   | Yes                                                                                      |
| Nominal tightening torque                                 | 6 Nm                                                                                     |
| Tolerance for nominal tightening torque                   | ±20%                                                                                     |
| Product weight                                            | 0.14 g                                                                                   |
| Pneumatic connection                                      | G1/8                                                                                     |
| Note on materials                                         | RoHS compliant                                                                           |
| Stops material                                            | Aluminum                                                                                 |
| Seals material                                            | HNBR                                                                                     |