

# Vacuum suction cup ESS-8-SNA

Part number: 189283

FESTO



 [General operating condition](#)

## Data sheet

| Feature                                     | Value   |
|---|---|
| Min. workpiece radius                       | 20 mm   |
| Nominal width                               | 2 mm  |
| Suction cup diameter                        | 8 mm  |
| Suction cup volume                          | 0.03 cm <sup>3</sup>                            |
| Ejector pulse suitability                   | ≤4 bar  |
| Connection position                         | Top   |
| Mounting position                           | Any   |
| Special features                            | Anti-static                                     |
| Symbol                                      | 00991485  |
| Classification of suction cup holder        | Size 2  |
| Suction cup shape                           | Round, flat                                     |
| Operating pressure                          | -0.095 MPa ... 0 MPa                            |
| Operating pressure                          | -0.95 bar ... 0 bar                             |
| Operating pressure                          | -13.775 psi ... 0 psi                           |
| Nominal operating pressure                  | -0.07 MPa                                       |
| Nominal operating pressure                  | -0.7 bar  |
| Nominal operating pressure                  | -10.15 psi                                      |
| Surface resistance                          | ≤2.0E-4 MOhm                                    |
| Operating medium                            | Atmospheric air based on ISO 8573-1:2010 [7::-] |
| Corrosion resistance class (CRC)            | 1 - Low corrosion stress                        |
| LABS (PWIS) conformity                      | VDMA24364-A1-L                                  |
| For use in the food industry                | See supplementary material information          |
| Ambient temperature                         | -10 °C ... 70 °C                                |
| Holding force at nominal operating pressure | 2.3 N   |
| Lateral force at nominal operating pressure | 4 N   |
| Product weight                              | 0.2 g   |
| Type of mounting                            | Via vacuum connection                           |
| Vacuum connection                           | Inside diameter 4 mm                            |
| Color                                       | Black/white dot                                 |
| Shore hardness                              | 50 +/- 5  |

| <b>Feature</b>           | <b>Value</b>         |
|--------------------------|----------------------|
| Material of screwed plug | Brass, nickel-plated |
| Note on materials        | RoHS-compliant       |
| Suction cup material     | NBR                  |