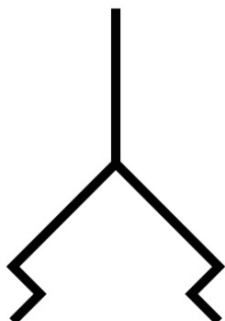


# Suction cup complete ESS-10-SNA

Part number: 189288

FESTO



## Data sheet

 General operating condition

| Feature                                     | Value                                            |
|---------------------------------------------|--------------------------------------------------|
| Min. workpiece radius                       | 30 mm                                            |
| Nominal size                                | 2 mm                                             |
| Suction cup diameter                        | 10 mm                                            |
| Suction cup volume                          | 0.05 cm <sup>3</sup>                             |
| Position of connection                      | Top                                              |
| Mounting position                           | optional                                         |
| Special characteristics                     | Antistatic                                       |
| Symbol                                      | 00991485                                         |
| Correlation to suction-cup holder           | Size 3                                           |
| 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                                   |
| Suitable for use with food                  | See supplementary material information           |
| Ambient temperature                         | -10 °C ... 70 °C                                 |
| Holding force at nominal operating pressure | 3.9 N                                            |
| Lateral force at nominal operating pressure | 7.5 N                                            |
| Product weight                              | 1.5 g                                            |
| Type of mounting                            | Via vacuum port                                  |
| Vacuum connection                           | M4                                               |
| Colour                                      | Black/white dot                                  |
| Shore hardness                              | 50 +/- 5                                         |
| Material screwed plug                       | Nickel-plated brass                              |

| Feature              | Value          |
|----------------------|----------------|
| Note on materials    | RoHS-compliant |
| Material suction cup | NBR            |