

# Quick coupling socket KD4-1/4-I

Part number: 531636

FESTO



## Data sheet

| Feature  | Value   |
|--|---|
| Nominal width  | 7.2 mm  |
| Operating pressure for entire temperature range      | -0.095 MPa...1.2 MPa<br>-0.95 bar...12 bar<br>-13.775 psi...174 psi |
| Standard nominal flow rate                           | 257 l/min...1292 l/min  |
| Nominal flow rate standardized according to ISO 8778 | 278.6 l/min...1400.5 l/min  |
| Operating medium                                     | Compressed air as per ISO 8573-1:2010 [7:...]                       |
| Information on operating and pilot media             | Operation with oil lubrication possible                             |
| Corrosion resistance class (CRC)                     | 1 - Low corrosion stress  |
| LABS (PWIS) conformity                               | VDMA24364-B1/B2-L   |
| Ambient temperature                                  | -10 °C...60 °C  |
| Nominal tightening torque                            | 9.5 Nm  |
| Tolerance for nominal tightening torque              | ± 15%   |
| Product weight                                       | 88 g  |
| Pneumatic connection 1                               | Internal thread G1/4  |
| Note on materials                                    | RoHS-compliant  |
| Seals material                                       | NBR   |
| Material of spring                                   | High-alloy stainless steel  |
| Housing material                                     | Brass, nickel-plated  |
| Threaded coupling material                           | Brass, nickel-plated  |
| Inner raceway material                               | Brass   |
| Circlip material                                     | High-alloy stainless steel  |
| Material of pins                                     | high-alloy stainless steel  |
| Valve body material                                  | Brass   |
| Material releasing sleeve                            | PP  |