

# Quick coupling socket KD3-1/4-A

Part number: 531626

FESTO



 General operating condition

## Data sheet

| Feature                                              | Value                                     |
|------------------------------------------------------|-------------------------------------------|
| Nominal size                                         | 5 mm                                      |
| Operating pressure complete temperature range        | -0.095 MPa ... 1.2 MPa                    |
| Operating pressure complete temperature range        | -0.95 bar ... 12 bar                      |
| Operating pressure complete temperature range        | -13.775 psi ... 174 psi                   |
| Standard nominal flow rate                           | 185 l/min ... 594 l/min                   |
| Nominal flow rate standardised according to ISO 8778 | 200.5 l/min ... 643.9 l/min               |
| Operating medium                                     | Compressed air to ISO 8573-1:2010 [7:-:-] |
| Note on operating and pilot medium                   | Lubricated operation possible             |
| Corrosion resistance class CRC                       | 1 - Low corrosion stress                  |
| LABS (PWIS) conformity                               | VDMA24364-B1/B2-L                         |
| Ambient temperature                                  | -10 °C ... 60 °C                          |
| Nominal torque                                       | 9.5 Nm                                    |
| Tolerance for nominal tightening torque              | ± 15%                                     |
| Product weight                                       | 35 g                                      |
| Pneumatic connection, port 1                         | Male thread G1/4                          |
| Note on materials                                    | RoHS-compliant                            |
| Material seals                                       | NBR                                       |
| Material spring                                      | High-alloy stainless steel                |
| Material housing                                     | Brass, nickel-plated                      |
| Material thread seal                                 | PA66-GF30/TPE-U                           |
| Material thread piece                                | Nickel-plated brass                       |
| Material ball                                        | High-alloy stainless steel                |
| Material snap ring                                   | High-alloy stainless steel                |
| Valve body material                                  | Brass                                     |
| Material releasing sleeve                            | Nickel-plated brass                       |