

# Quick coupling socket KD4-1/4-A-R

Part number: 531694

**FESTO**



 General operating condition

## Data sheet

| Feature                                               | Value                                    |
|-------------------------------------------------------|------------------------------------------|
| Nominal size                                          | 8 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 (standardised to DIN 1343) | 765 l/min                                |
| Nominal flow rate standardised according to ISO 8778  | 829.3 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                                        | 58 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                                    |
| Material thread seal                                  | PA66-GF30/TPE-U                          |
| Material thread piece                                 | Brass                                    |
| Material of inner raceway                             | Brass                                    |
| Material snap ring                                    | High-alloy stainless steel               |
| Material pins                                         | High-alloy stainless steel               |
| Valve body material                                   | Brass                                    |
| Material releasing sleeve                             | PP                                       |