

# Quick coupling socket KD3-CK-6

Part number: 531630

**FESTO**



## Data sheet

| Feature                                              | Value                                                                                                  |
|------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| Nominal width                                        | 4.9 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                                    |
| Normal nominal flow rate (normalized to DIN 1343)    | 180 l/min...468 l/min                                                                                  |
| Nominal flow rate standardized according to ISO 8778 | 195.1 l/min...507.3 l/min                                                                              |
| Operating medium                                     | Compressed air as per ISO 8573-1:2010 [7:-:-]                                                          |
| Information on operating and pilot media             | Lubricated operation possible                                                                          |
| Corrosion resistance class (CRC)                     | 1 - Low corrosion stress                                                                               |
| LABS (PWIS) conformity                               | VDMA24364-B1/B2-L                                                                                      |
| Ambient temperature                                  | -10 °C...60 °C                                                                                         |
| Product weight                                       | 32 g                                                                                                   |
| Pneumatic connection 1                               | for pneumatic tubing outside diameter 8 mm<br>For barbed fitting, inside diameter 6 mm, with union nut |
| Material of union nut                                | Wrought aluminum alloy, anodized                                                                       |
| Note on materials                                    | RoHS compliant                                                                                         |
| Seals material                                       | NBR                                                                                                    |
| Material of spring                                   | high-alloy stainless steel                                                                             |
| Housing material                                     | Brass, nickel-plated                                                                                   |
| Ball material                                        | high-alloy stainless steel                                                                             |
| Circlip material                                     | high-alloy stainless steel                                                                             |
| Valve body material                                  | Brass                                                                                                  |
| Material releasing sleeve                            | Brass, nickel-plated                                                                                   |