# Quick coupling socket
# KD4-1/2-A

Part number: 2145



## Data sheet

| Feature | Value |
|---|---|
| Nominal width | 10 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) | 257 l/min...1337 l/min |
| Nominal flow rate standardized according to ISO 8778 | 278.6 l/min...1449.3 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 |
| Nominal tightening torque | 32.5 Nm |
| Tolerance for nominal tightening torque | ±20% |
| Product weight | 78 g |
| Pneumatic connection 1 | External thread G1/2 |
| Note on materials | RoHS compliant |
| Seals material | NBR |
| Material of spring | high-alloy stainless steel |
| Housing material | Brass, nickel-plated |
| Material of threaded seal | PA66-GF30 / TPE-U |
| 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 |