

# Quick coupling socket KD3-1/4-A

Part number: 531626

FESTO



 General operating condition

## Data sheet

Feature	Value
Nominal width	5 mm
Operating pressure for entire temperature range	-0.095 MPa ... 1.2 MPa
Operating pressure for entire temperature range	-0.95 bar ... 12 bar
Operating pressure for entire temperature range	-13.775 psi ... 174 psi
Standard nominal flow rate	185 l/min ... 594 l/min
Nominal flow rate standardized according to ISO 8778	200.5 l/min ... 643.9 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	35 g
Pneumatic connection 1	External thread G1/4
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
Ball material	High-alloy stainless steel
Circlip material	High-alloy stainless steel
Valve body material	Brass
Material releasing sleeve	Brass, nickel-plated