

# Quick coupling socket NPHS-D6-M-G14

Part number: 8059275

FESTO



## Data sheet

| Feature                                               | Value                                                               |
|-------------------------------------------------------|---------------------------------------------------------------------|
| Nominal size                                          | 8.2 mm                                                              |
| Operating pressure complete temperature range         | -0.095 MPa...1.2 MPa<br>-0.95 bar...12 bar<br>-13.775 psi...174 psi |
| Standard nominal flow rate (standardised to DIN 1343) | 1750 l/min...1833 l/min                                             |
| Nominal flow rate standardised according to ISO 8778  | 1897 l/min...1987 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                                   | -20 °C...80 °C                                                      |
| Nominal torque                                        | 7 Nm                                                                |
| Tolerance for nominal tightening torque               | ± 20%                                                               |
| Product weight                                        | 173 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                                  | Aluminium<br>HNBR                                                   |
| Material thread piece                                 | Nickel-plated brass                                                 |
| Material sleeve                                       | Wrought aluminium alloy<br>Colourless anodised                      |
| Material of inner raceway                             | Brass                                                               |
| Material ball                                         | High-alloy stainless steel                                          |
| Material releasing sleeve                             | Nickel-plated brass                                                 |