

# Quick coupling socket NPHS-D6-P-G18

Part number: 8059266

**FESTO**



 General operating condition

## Data sheet

| Feature                                              | Value                                     |
|------------------------------------------------------|-------------------------------------------|
| Nominal size                                         | 5 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                           | 875 l/min ... 1050 l/min                  |
| Nominal flow rate standardised according to ISO 8778 | 948.5 l/min ... 1138.2 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                                       | 3.5 Nm                                    |
| Tolerance for nominal tightening torque              | ± 10%                                     |
| Product weight                                       | 94 g                                      |
| Pneumatic connection, port 1                         | Male thread G1/8                          |
| Note on materials                                    | RoHS-compliant                            |
| Material seals                                       | NBR                                       |
| Material spring                                      | High-alloy stainless steel                |
| Material housing                                     | Brass, nickel-plated                      |
| Material thread seal                                 | PA66-GF30/TPE-U                           |
| Material thread piece                                | Nickel-plated brass                       |
| Material of inner raceway                            | POM                                       |
| Material ball                                        | High-alloy stainless steel                |
| Material pins                                        | High-alloy stainless steel                |
| Valve body material                                  | Brass                                     |
| Material releasing sleeve                            | POM<br>PP<br>High-alloy stainless steel   |