

# Quick coupling socket NPHS-D6-P-G38

Part number: 8059268

FESTO



 General operating condition

## Data sheet

| Feature  | Value   |
|--|---|
| Nominal width  | 10.2 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                           | 1216 l/min ... 2083 l/min                     |
| Nominal flow rate standardized according to ISO 8778 | 1318.1 l/min ... 2258 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                            | 12.5 Nm                                       |
| Tolerance for nominal tightening torque              | ± 20%   |
| Product weight                                       | 98 g  |
| Pneumatic connection 1                               | External thread G3/8                          |
| 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                               | POM   |
| Ball material  | High-alloy stainless steel                    |
| Material of pins                                     | high-alloy stainless steel                    |
| Valve body material                                  | Brass   |
| Material releasing sleeve                            | POM<br>PP<br>high-alloy stainless steel       |