

# Quick connector ACK-1/8-PK-3

Part number: 5664

FESTO



 General operating condition

## Data sheet

| Feature                                       | Value                                                                                                            |
|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| Nominal size                                  | 2.4 mm                                                                                                           |
| Type of seal on screwed plug                  | Sealing ring                                                                                                     |
| Mounting position                             | optional                                                                                                         |
| Design                                        | Straight design                                                                                                  |
| Size of pack                                  | 10                                                                                                               |
| Operating pressure complete temperature range | -0.095 MPa ... 1 MPa                                                                                             |
| Operating pressure complete temperature range | -0.95 bar ... 10 bar                                                                                             |
| Operating pressure complete temperature range | -13.775 psi ... 145 psi                                                                                          |
| Note on operating pressure                    | Water: max. 0.6 MPa at max. 50°C                                                                                 |
| Operating medium                              | Compressed air to ISO 8573-1:2010 [7:-:-]<br>Water (liquid, ice-free)                                            |
| Note on operating and pilot medium            | Lubricated operation possible<br>Water: G-thread only possible with sealing ring type OL as additional accessory |
| Corrosion resistance class CRC                | 2 - Moderate 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       | ± 20%                                                                                                            |
| Pneumatic connection, port 1                  | Female thread G1/8                                                                                               |
| Pneumatic connection, port 2                  | For tubing outside diameter of 4 mm<br>For barbed fitting I.D. 3 mm with nut                                     |
| Material union nut                            | Wrought aluminium alloy, anodised                                                                                |
| Material screwed plug                         | Anodised wrought aluminium alloy                                                                                 |
| Note on materials                             | RoHS-compliant                                                                                                   |
| Material sealing ring                         | Reinforced PA<br>TPE-U(PU)                                                                                       |