

## Double nipple E

**FESTO**



### Characteristics

#### At a glance

Double nipple with a G-threaded spigot and an NPT-threaded spigot.

- Interface for connecting components with NPT and G female threads
- Galvanised steel housing (E-G3/4-3/4NPT: brass) with a PVC sealing ring

## Datasheet

## General technical data

|                                               |                                          |         |         |         |         |
|-----------------------------------------------|------------------------------------------|---------|---------|---------|---------|
| Pneumatic connection, port 1                  | G1/8                                     | G1/4    | G3/8    | G1/2    | G3/4    |
| Pneumatic connection, port 2                  | 1/8 NPT                                  | 1/4 NPT | 3/8 NPT | 1/2 NPT | 3/4 NPT |
| Nominal size                                  | 5.95 mm                                  | 7.95 mm | 11.5 mm | 14.3 mm | 17.9 mm |
| Operating pressure complete temperature range | -0.95 ... 10 bar                         |         |         |         |         |
| Operating medium                              | Compressed air to ISO 8573-1:2010 [7:::] |         |         |         |         |
| Note on operating and pilot medium            | Lubricated operation possible            |         |         |         |         |
| Max. tightening torque pneumatic connection 1 | 6 Nm                                     | 11 Nm   | 25 Nm   | 40 Nm   | 60 Nm   |
| Max. tightening torque pneumatic connection 2 | 7 Nm                                     | 12 Nm   | 22 Nm   | 28 Nm   | 32 Nm   |
| Nominal torque                                | 10.55 Nm                                 | 9.05 Nm | 38.5 Nm | 47.9 Nm | 45 Nm   |
| Tolerance for nominal tightening torque       | ±20%                                     |         |         |         |         |

## Operating and environmental conditions

|                                              |                                          |
|----------------------------------------------|------------------------------------------|
| Operating medium                             | Compressed air to ISO 8573-1:2010 [7:::] |
| Note on operating and pilot medium           | Lubricated operation possible            |
| Ambient temperature                          | -10 ... 60°C                             |
| Corrosion resistance class CRC <sup>1)</sup> | 1 - Low corrosion stress                 |

1) More information [www.festo.com/x/topic/crc](http://www.festo.com/x/topic/crc)

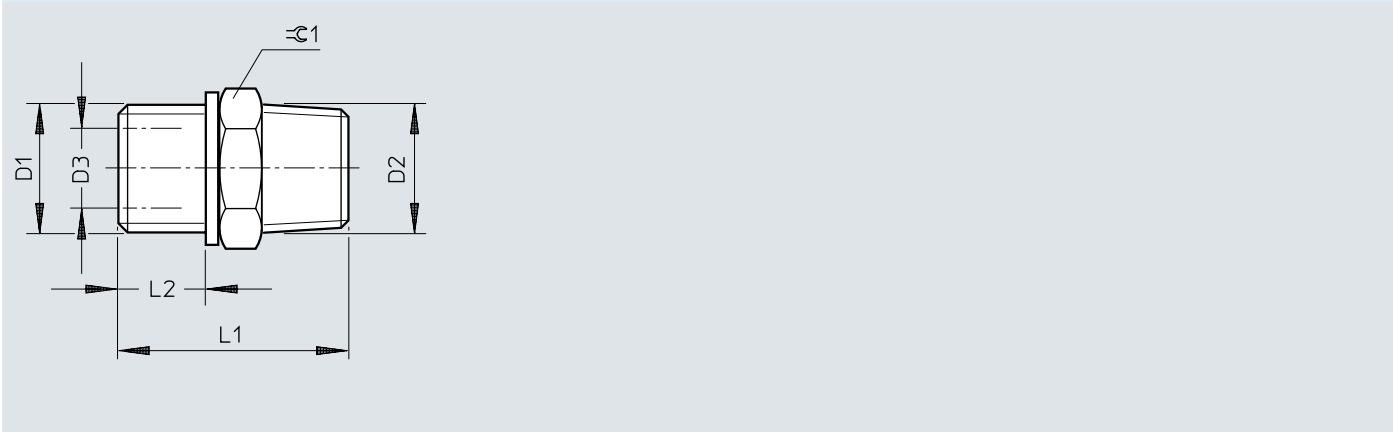
## Materials

|                        |                   |
|------------------------|-------------------|
| Note on materials      | RoHS compliant    |
| LABS (PWIS) conformity | VDMA24364-B1/B2-L |

Double nipple E

Dimensions

Dimensions – Double nipple E [Download CAD data](#) [www.festo.com](http://www.festo.com)



|               | D1   | D2      | D3<br>[inch] | L1<br>[inch] | L2<br>[inch] | ⌀ 1<br>[inch] |
|---------------|------|---------|--------------|--------------|--------------|---------------|
| E-G1/8-1/8NPT | G1/8 | 1/8 NPT | 0,23         | 0,81         | 0,19         | 1/2           |
| E-G1/4-1/4NPT | G1/4 | 1/4 NPT | 0,3          | 1,03         | 0,25         | 11/16         |
| E-G3/8-3/8NPT | G3/8 | 3/8 NPT | 0,45         | 1,18         | 0,33         | 3/4           |
| E-G1/2-1/2NPT | G1/2 | 1/2 NPT | 0,56         | 1,42         | 0,45         | 15/16         |
| E-G3/4-3/4NPT | G3/4 | 3/4 NPT | 0,7          | 1,85         | 0,55         | 17/16         |

## Ordering data

| Double nipple E                                                                   |                              |                              |              |                |          |               |
|-----------------------------------------------------------------------------------|------------------------------|------------------------------|--------------|----------------|----------|---------------|
|                                                                                   | Pneumatic connection, port 1 | Pneumatic connection, port 2 | Nominal size | Product weight | Part no. | Type          |
|  | G1/8                         | 1/8 NPT                      | 5.95 mm      | 9.1 g          | 9630     | E-G1/8-1/8NPT |
|                                                                                   | G1/4                         | 1/4 NPT                      | 7.95 mm      | 19.06 g        | 9631     | E-G1/4-1/4NPT |
|                                                                                   | G3/8                         | 3/8 NPT                      | 11.5 mm      | 25.5 g         | 9632     | E-G3/8-3/8NPT |
|                                                                                   | G1/2                         | 1/2 NPT                      | 14.3 mm      | 47.68 g        | 9633     | E-G1/2-1/2NPT |
|                                                                                   | G3/4                         | 3/4 NPT                      | 17.9 mm      | 164.88 g       | 546549   | E-G3/4-3/4NPT |