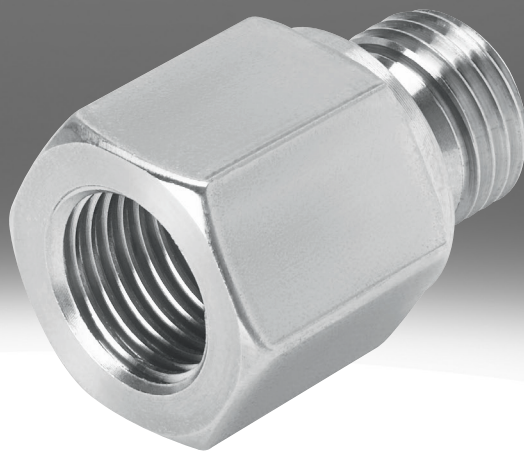


Adapter NPFV

FESTO



Characteristics

At a glance

- Adapter with filter to prevent malfunctions at the solenoid valve if the compressed air is unclean
- Built-in filter screen with a mesh size of 0.1 mm retains dirt particles and can be easily cleaned if necessary
- From male thread G1/4 to female thread G1/4 or NPT1/4 and male thread NPT1/4 to female thread NPT1/4

Type code

| | | |
|-------------|---------------------|--|
| 001 | Series | |
| NPFV | Adapter | |
| 002 | Design type | |
| A | Adapter | |
| 003 | Additional features | |
| F | Filter | |

| | | |
|------------|------------------------|--|
| 004 | Pneumatic connection 1 | |
| G14 | G1/4 | |
| N14 | 1/4 NPT | |
| 005 | Connection type 2 | |
| N14 | 1/4 NPT | |
| G14 | G1/4 | |
| 006 | Thread type | |
| MF | Male/female | |

Datasheet

General technical data

| | | |
|------------------------------|---------------|---------|
| Pneumatic connection, port 1 | G1/4 | 1/4 NPT |
| Pneumatic connection, port 2 | G1/4, 1/4 NPT | 1/4 NPT |
| Nominal size | 6 mm | |

Operating and environmental conditions

| | |
|--|--|
| Operating pressure | 0.2 ... 0.8 MPa |
| Operating pressure | 2 ... 8 bar |
| Operating pressure | 29 ... 116 psi |
| Explosion protection | Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX) |
| Corrosion resistance class CRC ¹⁾ | 1 - Low corrosion stress |

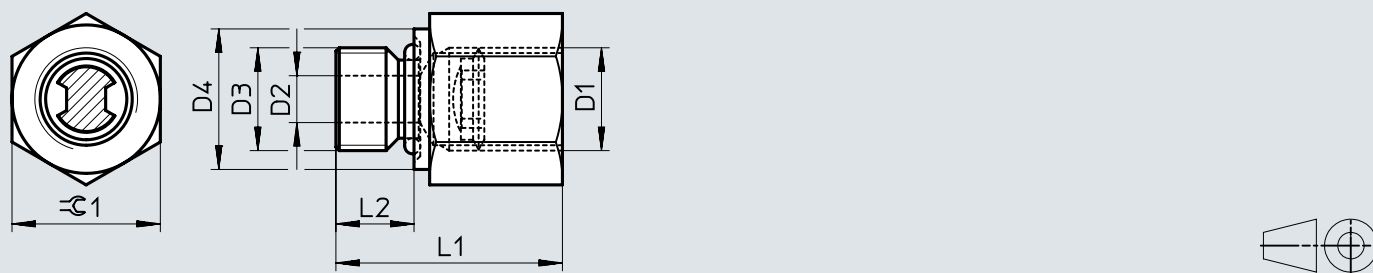
1) More information www.festo.com/x/topic/crc

Materials

| | |
|------------------------|----------------------------|
| Material adapter | High-alloy stainless steel |
| Material seals | NBR |
| Note on materials | RoHS-compliant |
| LABS (PWIS) conformity | VDMA24364 zone III |


Dimensions

Dimensions – Adapter NPFV

Download CAD data → www.festo.com

| | D1 | D2 | D3 | D4 | L1 | L2 | $\approx C1$ |
|--------------------|---------|----|---------|----|----|----|--------------|
| NPFV-AF-G14-N14-MF | 1/4 NPT | 6 | G1/4 | 18 | 29 | 10 | 19 |
| NPFV-AF-G14-G14-MF | G1/4 | 6 | G1/4 | 18 | 29 | 10 | 19 |
| NPFV-AF-N14-N14-MF | 1/4 NPT | 6 | 1/4 NPT | 18 | 29 | 10 | 19 |

Ordering data

| Ordering data | | | | | |
|--|---------------------------------|---------------------------------|--------------|----------|--------------------|
| | Pneumatic connection, port 1 | Pneumatic connection, port 2 | Nominal size | Part no. | Type |
|  | G1/4 | G1/4 | 6 mm | 563398 | NPFV-AF-G14-G14-MF |
| | | 1/4 NPT | | 563397 | NPFV-AF-G14-N14-MF |
| | 1/4 NPT | | | 4727333 | NPFV-AF-N14-N14-MF |