

# ELEKTROGAS (Natural)gas filter Type: 31301 Aluminium Internal thread (BSPP)

## Characteristics

**Type:** 31301

**Norm:** EN (DIN)

**Housing material:** Aluminium

**Connection:** Internal thread (BSPP)

**Drain connection:** Yes

**Material cover gasket:** NBR

**Maximum medium temperature (continuous):** 80 °C

## Application

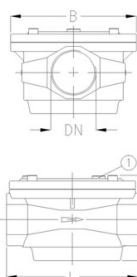
- Air, natural gas and liquefied petroleum gas
- Other non-aggressive gases of type I, II and III [EN 437]
- Gas-consuming devices, gas reduction valves and gas furnaces

## Technical Information

- Gas filter made of cast aluminium alloy for gas pipes in accordance with DIN 3386
- These gas filters have an easy-to-wash polypropylene mesh filter cartridge with a sufficient storage capacity for substances and impurities measuring 30µm or larger.
- This prevents impurities and irregular combustion in your consumers and helps to extend the service life of the connected gas appliances and reduce maintenance costs.
- Filtration class G4 in accordance with EN 779
- Connections with female threads in accordance with ISO 7-1
- Fitting in horizontal and vertical pipes, preferably with the cover pointing upwards for easy cleaning.
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## Approval

- EC type approval in accordance with
- EC Directive 97/23/EC, standards EN 13611, EN 549 and EN 437.



| Nominal inner diameter | Pressure rating | Face to Face length mm | With filter element | Mesh width | Total filter element surface cm² | Flow direction | Filter element material | Article  |
|------------------------|-----------------|------------------------|---------------------|------------|----------------------------------|----------------|-------------------------|----------|
| 1/2" [15]              | PN2.5           | 140                    | Yes                 | 30 µm      | 55                               | Horizontal     | Polypropylene           | 13415997 |
| 1/2" [15]              | PN6             | 140                    | Yes                 | 30 µm      | 55                               | Horizontal     | Polypropylene           | 13416004 |
| 3/4" [20]              | PN2.5           | 140                    | Yes                 | 30 µm      | 55                               | Horizontal     | Polypropylene           | 13415998 |
| 3/4" [20]              | PN6             | 140                    | Yes                 | 30 µm      | 55                               | Horizontal     | Polypropylene           | 13416005 |
| 1" [25]                | PN2.5           | 140                    | Yes                 | 30 µm      | 55                               | Horizontal     | Polypropylene           | 13415999 |
| 1" [25]                | PN2.5           | 160                    | Yes                 | 30 µm      | 145                              | Horizontal     | Polypropylene           | 13416000 |
| 1" [25]                | PN6             | 160                    | Yes                 | 30 µm      | 145                              | Horizontal     | Polypropylene           | 13228277 |
| 1" [25]                | PN6             | 140                    | Yes                 | 30 µm      | 55                               | Horizontal     | Polypropylene           | 13416736 |
| 1.1/4" [32]            | PN2.5           | 160                    | Yes                 | 30 µm      | 145                              | Horizontal     | Polypropylene           | 13416001 |
| 1.1/4" [32]            | PN6             | 160                    | Yes                 | 30 µm      | 145                              | Horizontal     | Polypropylene           | 13416006 |
| 1.1/2" [40]            | PN2.5           | 230                    | Yes                 | 30 µm      | 330                              | Horizontal     | Polypropylene           | 13416003 |
| 1.1/2" [40]            | PN2.5           | 160                    | Yes                 | 30 µm      | 145                              | Horizontal     | Polypropylene           | 13416002 |
| 1.1/2" [40]            | PN6             | 160                    | Yes                 | 30 µm      | 145                              | Horizontal     | Polypropylene           | 13416007 |
| 1.1/2" [40]            | PN6             | 230                    | Yes                 | 30 µm      | 330                              | Horizontal     | Polypropylene           | 13416008 |
| 2" [50]                | PN2.5           | 230                    | Yes                 | 30 µm      | 330                              | Horizontal     | Polypropylene           | 13024139 |
| 2" [50]                | PN6             | 230                    | Yes                 | 30 µm      | 330                              | Horizontal     | Polypropylene           | 13416009 |

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