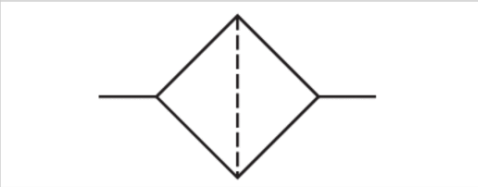


Active carbon filter, Series AS3-FLA

- G 3/8 G 1/2
- suitable for ATEX



| | |
|-------------------------------|--|
| Type | Active carbon filter, Can be assembled into blocks |
| Parts | Active carbon filter |
| Mounting orientation | vertical |
| Certificates | suitable for ATEX |
| Working pressure min./max. | 0 ... 16 bar |
| Ambient temperature min./max. | -10 ... 50 °C |
| Medium temperature min./max. | -10 ... 50 °C |
| Medium | Compressed air Neutral gases |
| Filter reservoir volume | 49 cm³ |
| Filter element | exchangeable |
| Condensate drain | without |
| Weight | See table below |

Technical data

| Part No. | Port | Flow Qn | Version | Weight |
|------------|-------|------------|--|----------|
| R412007072 | G 3/8 | 1000 l/min | reservoir, polycarbonate, with PA protective guard | 0,375 kg |
| R412007074 | G 3/8 | 1000 l/min | - | 0,751 kg |
| R412007075 | G 1/2 | 1000 l/min | reservoir, polycarbonate, with PA protective guard | 0,375 kg |
| R412007077 | G 1/2 | 1000 l/min | - | 0,73 kg |

Nominal flow Qn with secondary pressure p2 = 6 bar at Δp = 0.1 bar

Suitable for use in Ex zones 1, 2, 21, 22.

Technical information

The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C .

Note: Polycarbonate reservoirs are susceptible to solvents, supplementary information can be found at "Customer information".

Suitable for use in Ex zones 1, 2, 21, 22.

A change in the flow direction (from air supply on the left to air supply on the right) occurs by rotating installation by 180° about the vertical axis. Please see the operating instructions for further details.

Recommended pre-filtering 0,01 µm

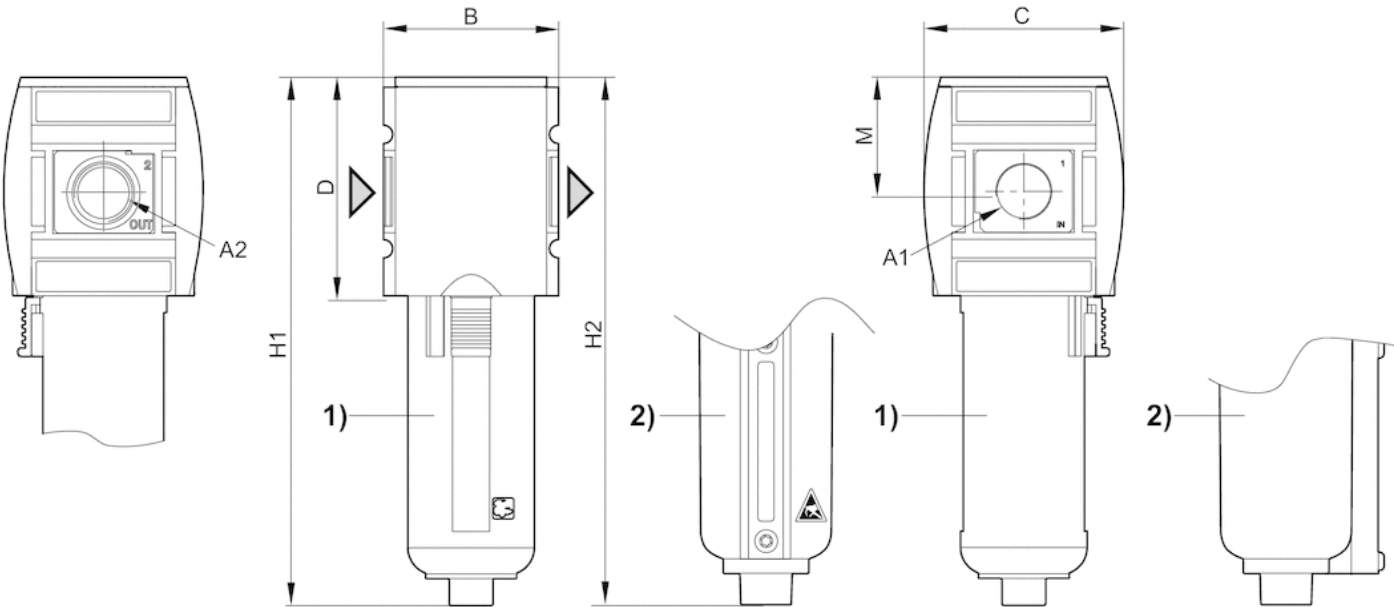
Max. achievable compressed air class acc. to ISO 8573-1:2010 - : - : 1

Technical information

| Material | |
|------------------|---------------------------------|
| Housing | Polyamide |
| Front plate | Acrylonitrile butadiene styrene |
| Seals | Acrylonitrile butadiene rubber |
| Threaded bushing | Die cast zinc |
| Reservoir | Polycarbonate Die cast zinc |
| Protective guard | Polyamide |
| Filter insert | Active carbon |

Dimensions

Dimensions

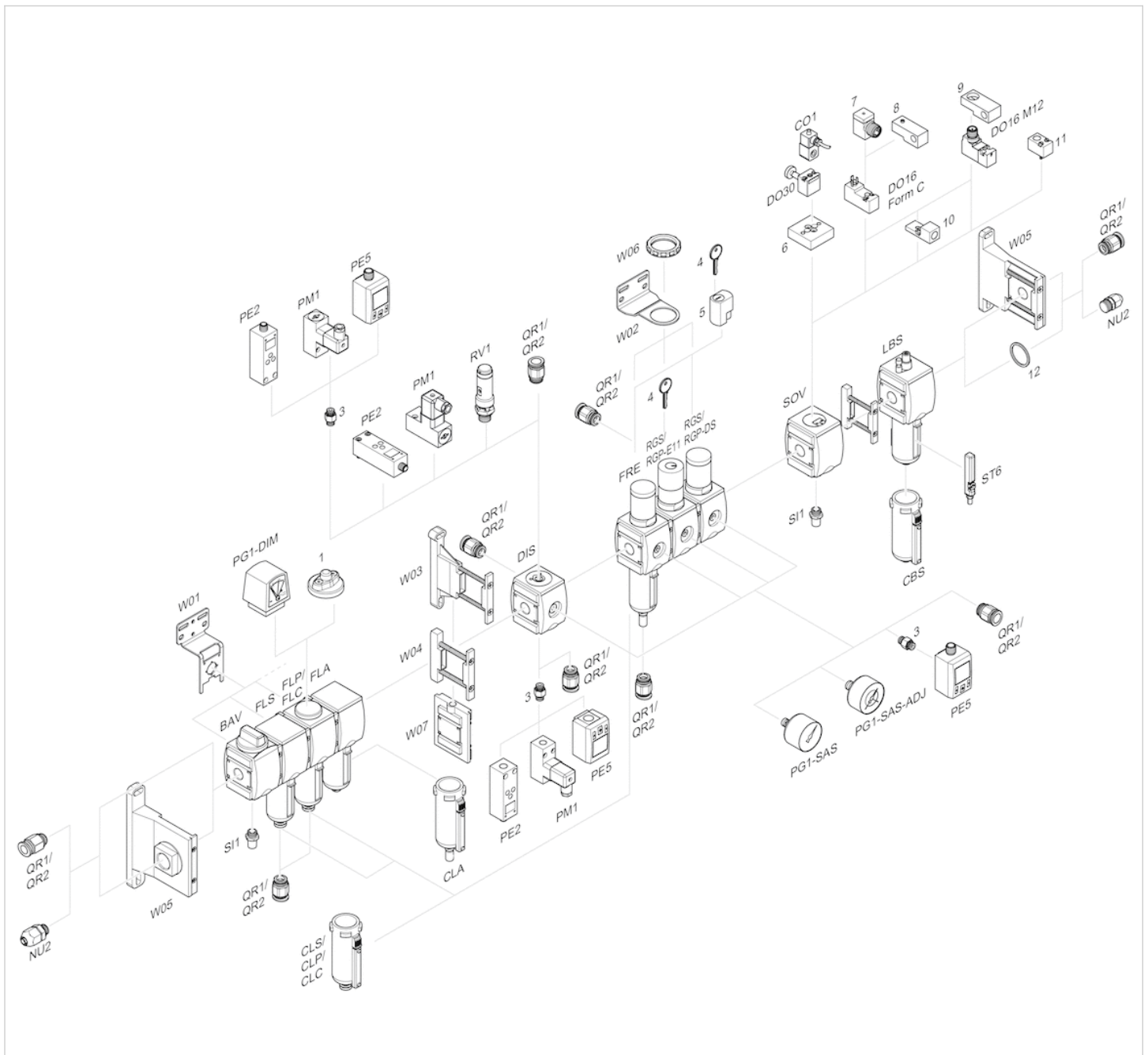


- A1 = input
- A2 = output
- 1) Plastic reservoir and protective guard with window
- 2) Metal reservoir with inspection glass

Dimensions in mm

| A1 | A2 | B | C | D | H1 | H2 | M |
|-------|-------|----|----|----|-----|-----|------|
| G 3/8 | G 3/8 | 63 | 74 | 80 | 183 | 187 | 42.5 |
| G 1/2 | G 1/2 | 63 | 74 | 80 | 183 | 187 | 42.5 |

Accessories overview



- 1 = contamination display
- 3 = Double nipple
- 4 = Key for E11 locking
- 5 = mortise lock
- 6 = Transition plate DO30
- 7 = Adapter, Series CON-VP
- 8 = Mounting aid DO16, form C
- 9 = Mounting aid DO16, M12
- 10 = Adapter for external pilot air
- 11 = Adapter pneumatic operation
- 12 = Sealing ring

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