

Filter, Series AS2-FLS

- G 1/4
- filter porosity 25 µm
- suitable for ATEX



| | |
|-------------------------------|---|
| Version | Standard filter, Can be assembled into blocks |
| Parts | Filter |
| Mounting orientation | vertical |
| Certificates | suitable for ATEX |
| Working pressure min./max. | 1,5 ... 16 bar |
| Ambient temperature min./max. | -10 ... 50 °C |
| Medium temperature min./max. | -10 ... 50 °C |
| Medium | Compressed air Neutral gases |
| Filter reservoir volume | 28 cm ³ |
| Filter element | exchangeable |
| filter porosity | 25 µm |
| Condensate drain | semi-automatic, open without pressure |
| Weight | 0,443 kg |



Technical data

| Part No. | Port | Qn |
|------------|-------|------------|
| R412006091 | G 1/4 | 2100 l/min |

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.

Also suitable for separation of fluid oil or water due to the design.

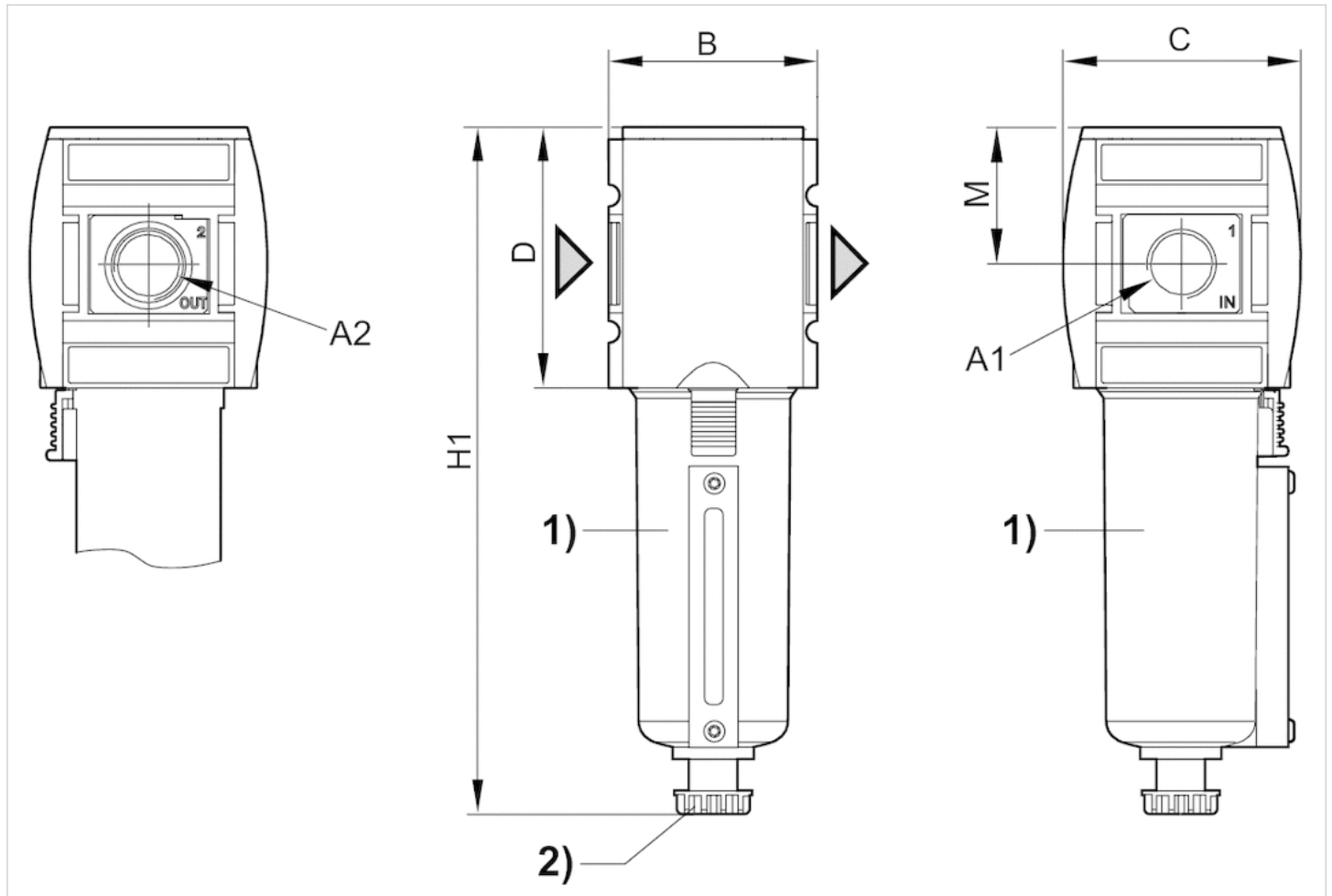
Max. achievable compressed air class acc. to ISO 8573-1:2010 7 : 7 : -

Technical information

| Material | |
|------------------|---------------------------------|
| Housing | Polyamide |
| Front plate | Acrylonitrile butadiene styrene |
| Seals | Acrylonitrile butadiene rubber |
| Threaded bushing | Die cast zinc |
| Reservoir | Die cast zinc |
| Filter insert | Polyethylene |

Dimensions

Dimensions



A1 = input
A2 = output

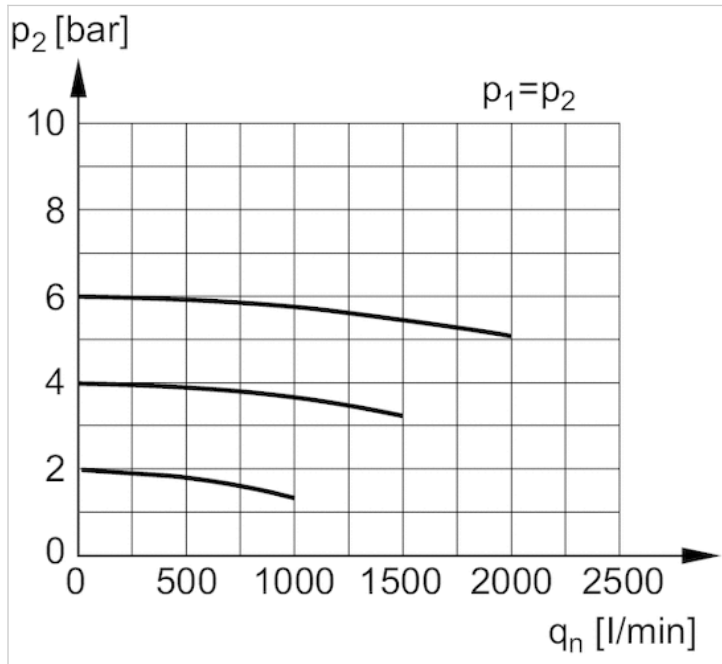
- 1) Metal reservoir with level indicator
- 2) Semi-automatic condensate drain

Dimensions in mm

| A1 | A2 | B | C | D | H1 | M |
|-------|-------|----|----|----|-------|----|
| G 1/4 | G 1/4 | 52 | 59 | 65 | 163.5 | 34 |

Diagrams

Flow rate characteristic



p_1 = Working pressure
 p_2 = Secondary pressure
 q_n = Nominal flow