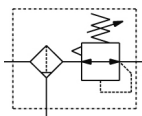


## AW10-40-A, AW Filter/Regulator Combination AW10-M5BCG-A

### Datasheet

### General series information

- The product AW20~60-A is being discontinued and will be replaced by AW-D series. [Update details here.](#)
- Modular type filter regulator
- Integrated filter and regulator save space
- Requires less piping
- Optional embedded pressure gauge
- Available with built-in backflow mechanism
- Rc, G(PF) or NPT threads



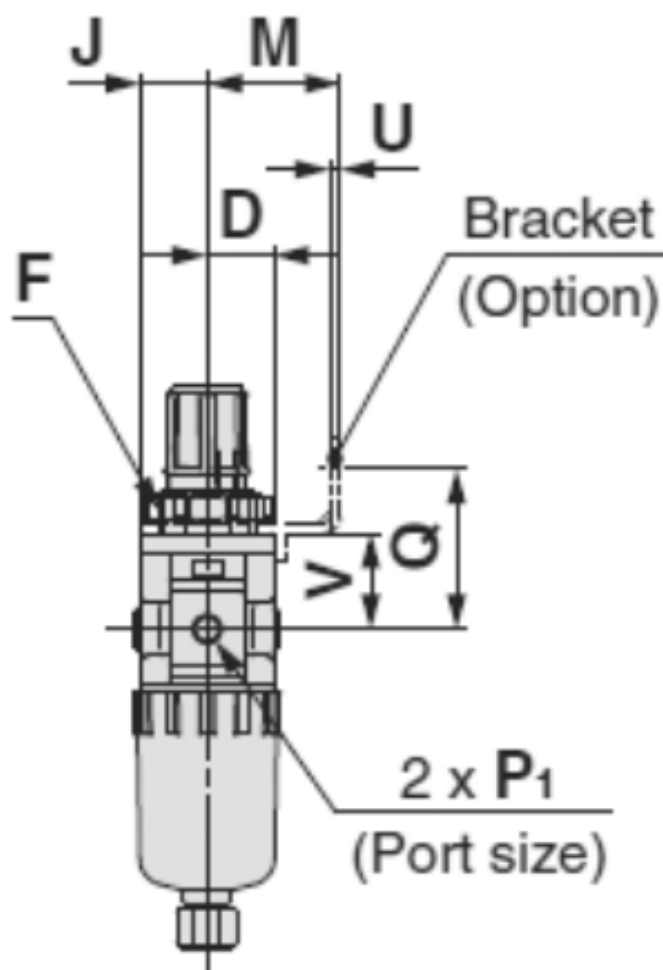
Filter / Regulator Combination

### Standard specifications

|                                             |                                                                                                 |
|---------------------------------------------|-------------------------------------------------------------------------------------------------|
| Size                                        | 10                                                                                              |
| Thread                                      | Rc or Metric                                                                                    |
| Port Size                                   | M5 (M5 x 0.8)                                                                                   |
| Accessory                                   | BCG (Bracket + Float Type Auto Drain [N.C.] + Round type pressure gauge [with limit indicator]) |
| Set pressure                                | 0.05 to 0.7 MPa setting                                                                         |
| Bowl                                        | Polycarbonate Bowl                                                                              |
| Drain port/Exhaust mechanism/Flow direction | None                                                                                            |
| Pressure Unit                               | Name Plate and Pressure Gauge: MPa                                                              |
| Made to Order                               | None                                                                                            |
| Pressure medium                             | Air                                                                                             |
| Maximum temperature of pressure medium      | 60 °C                                                                                           |
| Minimum temperature of pressure medium      | -5 °C [with no freezing]                                                                        |
| Maximum operating pressure                  | 1.0 MPa                                                                                         |
| Proof pressure                              | 1.5 MPa                                                                                         |
| Maximum ambient temperature                 | 60 °C                                                                                           |

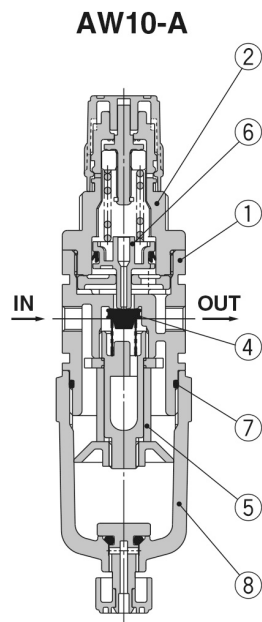
|                                   |                          |
|-----------------------------------|--------------------------|
| Minimum ambient temperature       | -5 °C [with no freezing] |
| Approvals                         | No need                  |
| Bowl Material                     | Polycarbonate            |
| Drain Capacity                    | 2.5 cm <sup>3</sup>      |
| Element nominal filtration rating | 5 µm                     |
| Weight                            | 0.129 Kg                 |

## Dimensions



Constructions

Construction



Component Parts

| No. | Description | Material          | Model               | Colour |
|-----|-------------|-------------------|---------------------|--------|
| 1   | Body        | Zinc die-cast     | AW10-A              | White  |
|     |             | Aluminum die-cast | AW20-A to AW40-06-A |        |
| 2   | Bonnet      | Polyacetal        | AW10-A to AW40-06-A | White  |

Replacement Parts

| No. | Description                      | Material              | Part no.                       |
|-----|----------------------------------|-----------------------|--------------------------------|
|     |                                  |                       | AW10-A                         |
| 3   | Valve assembly                   | Stainless steel, HNBR | AR10P-090S                     |
| 4   | Filter element                   | Non-woven fabric      | AF10P-060S                     |
| 5   | Diaphragm assembly               | Weatherable NBR       | AR10P-150AS <sup>Note 1)</sup> |
| 6   | Bowl seal                        | NBR                   | C1SFP-260S                     |
| 7   | Bowl assembly <sup>Note 2)</sup> | Polycarbonate         | C1SF-A                         |

Note 1) The AW10-A is a piston type. Assembly of a piston and a seal (KSYP-13).  
Note 2) Bowl seal is included for the AW20-A to AW40-06-A. Please contact SMC regarding the supply of bowl assembly with psi and °F unit display specifications.

## Additional information

|                      |                                         |
|----------------------|-----------------------------------------|
| Catalogue            | <a href="#">AC-A-D_EU.pdf</a>           |
| Installation manuals | <a href="#">IM_AW_SMV11EN.pdf</a>       |
| Operation manuals    | <a href="#">OM_AW-A_OMQ0007EN-A.pdf</a> |