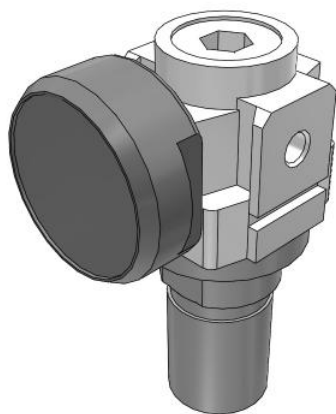


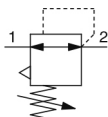


## AR10-40-A, Modular Style Regulator AR10-M5G-R-A

### Datasheet

### General series information

- The product AR20~60-A is being discontinued and will be replaced by AR-D series. [Update details here.](#)

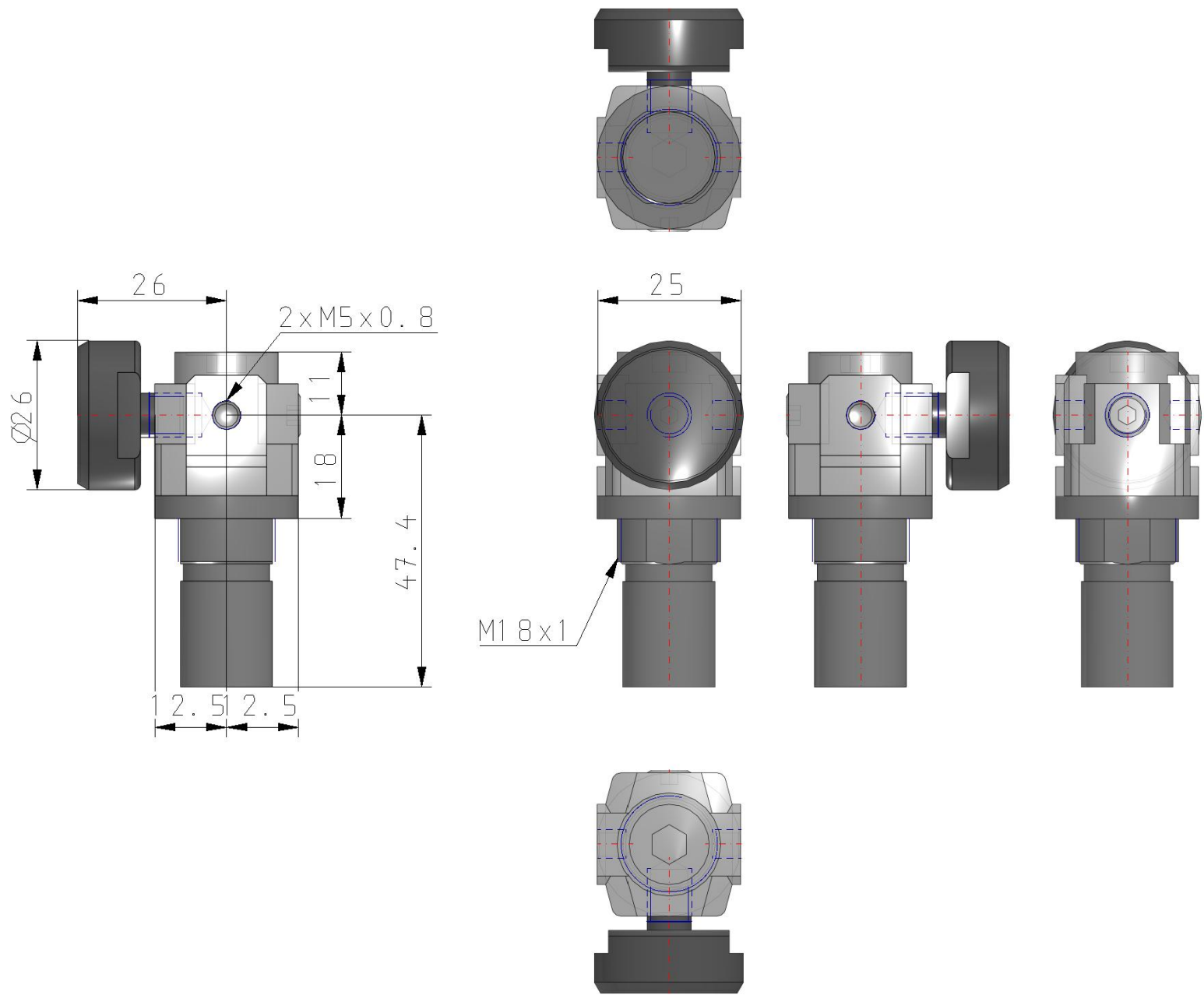


Pressure control valve, relieving pressure regulator, adjustable

### Standard specifications

|                                        |                                                     |
|----------------------------------------|-----------------------------------------------------|
| Size                                   | 10                                                  |
| Thread                                 | Rc or Metric                                        |
| Port Size                              | M5 (M5 x 0.8)                                       |
| Accessory                              | G (Round type pressure gauge, with limit indicator) |
| Set pressure                           | 0.05 to 0.7 MPa setting                             |
| Exhaust mechanism/Flow direction/Knob  | R (Flow Direction: Right->Left)                     |
| 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                                             |
| Weight                                 | 0.075 Kg                                            |

Dimensions



Constructions

Construction



Component Parts

| No. | Description | Material          | Model            | Colour |
|-----|-------------|-------------------|------------------|--------|
| 1   | Body        | Zinc die-cast     | AR10-A           | White  |
|     |             | Aluminum die-cast | AR20-A to AR40-A |        |
| 2   | Bonnet      | Polyacetal        | AR10-A to AR40-A | White  |

Replacement Parts

| No. | Description          | Material              | Part no.                     |
|-----|----------------------|-----------------------|------------------------------|
|     |                      |                       | AR10-A                       |
| 3   | Valve assembly       | Stainless steel, HNBR | AR10P-090S                   |
| 4   | Diaphragm assembly   | Weatherable NBR       | AR10P-150AS <sup>Note)</sup> |
| 5   | Valve guide assembly | Polyacetal            | 131329                       |

Note) The AR10-A is a piston type. Assembly of a piston and a seal (KSYP-13).

Specifications are subject to change without prior notice and any obligation on the part of the manufacturer.

## Additional information

|                      |                                       |
|----------------------|---------------------------------------|
| Catalogue            | <a href="#">AC-A-D_EU.pdf</a>         |
| Installation manuals | <a href="#">IM_AR-A_TF2Z393EN.pdf</a> |
| Operation manuals    | <a href="#">OM_AR-A_OMQ0005EN.pdf</a> |