

## IS10, Pressure Switch, Reed Switch Type IS10-01-Z

Datasheet

### General series information

- Weight: 62g (16% lighter than IS1000)
- Overall height: 52mm (11% smaller than IS1000)
- 100V AC/DC specifications
- Service life: 5 million cycles
- Can be connected to modular type FRL units
- RoHS compliant & CE marked

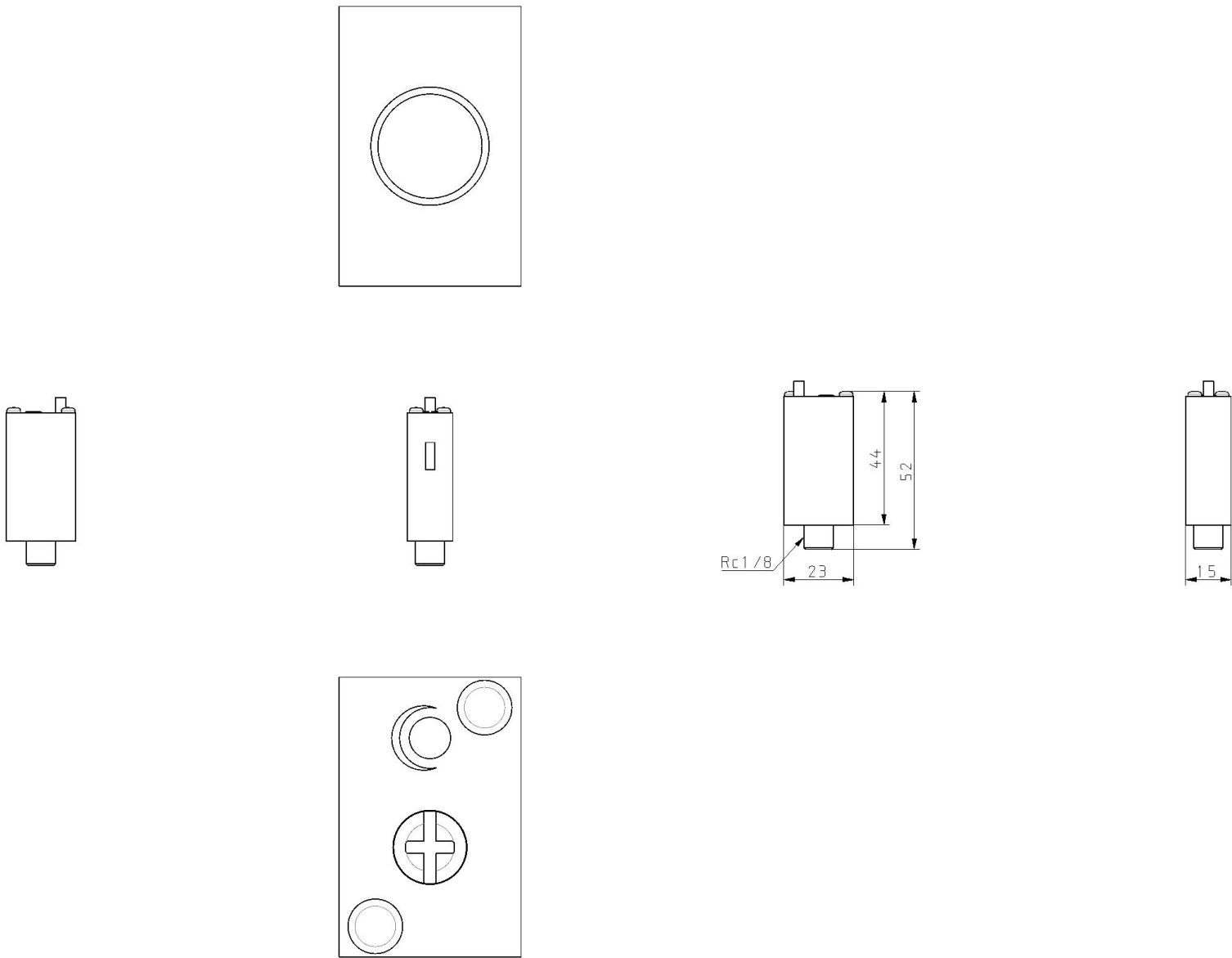


Adjustable pressure switch

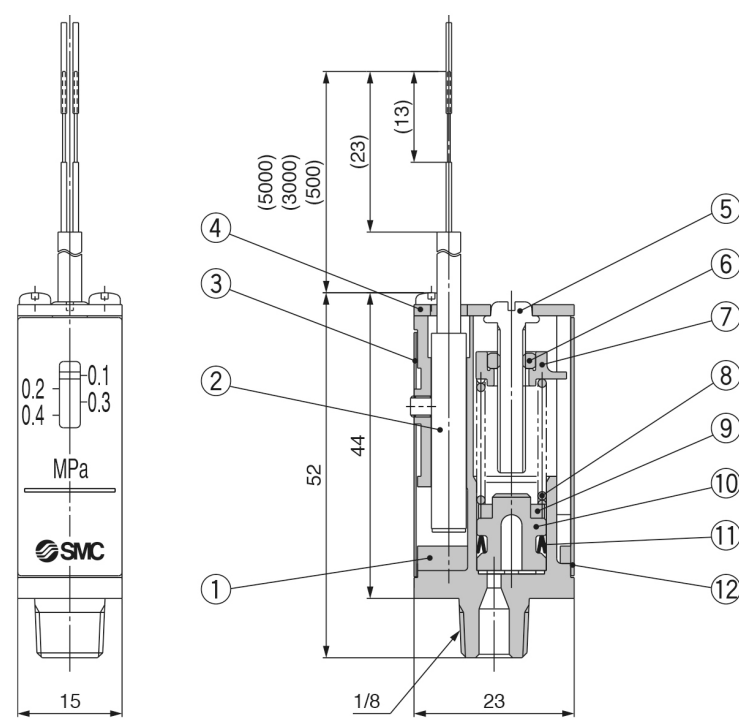
### Standard specifications

|                             |                         |
|-----------------------------|-------------------------|
| Thread                      | R                       |
| Seal                        | None                    |
| Options                     | Z (5m Lead Wire Length) |
| Maximum operating pressure  | 0.7 MPa                 |
| Proof pressure              | 1.0 MPa                 |
| Approvals                   | CE                      |
| Enclosure                   | IP40                    |
| Repeatability               | ±0.05 MPa               |
| Port size                   | 1/8                     |
| Applicable fluid            | Air/Inert gas           |
| Operating temperature range | –5 - 60°C               |
| Hysteresis                  | Fixed 0.08 MPa or less  |
| Contacts                    | 1a                      |
| Error of scale              | ±0.05 MPa               |
| Weight                      | 0.120 Kg                |

Dimensions



# Constructions



## Component Parts

| No. | Description     | Material        |
|-----|-----------------|-----------------|
| 1   | Body            | ZDC             |
| 2   | Switch assembly | —               |
| 3   | Shield plate    | Steel sheet     |
| 4   | Cover           | Steel sheet     |
| 5   | Adjusting screw | Brass           |
| 6   | Hexagon nut     | Brass           |
| 7   | Indicator       | PBT             |
| 8   | Spring          | Stainless steel |
| 9   | Magnet          | —               |
| 10  | Piston          | POM             |
| 11  | Seal piston     | NBR             |
| 12  | Scale plate     | PC              |

## Additional information

|                           |                                                                                          |
|---------------------------|------------------------------------------------------------------------------------------|
| Catalogue                 | <a href="#">IS10-A_EU.pdf</a>                                                            |
| Declaration of conformity | <a href="#">newDoC_IS10_TF1V346EN.pdf</a><br><a href="#">newDoC_IS10_TF122-122EN.pdf</a> |
| Installation manuals      | <a href="#">IM_IS10_SMW02EN.pdf</a>                                                      |
| Operation manuals         | <a href="#">OM_IS10_IS-OMO0044EN.pdf</a>                                                 |