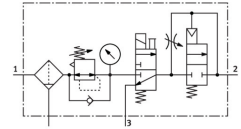


# Service unit combination MSB6-1/2:J1D1A1-WP

Part number: 530222

**FESTO**



[PDF](#) General operating condition

## Data sheet

| Feature                                               | Value                                                                                                                |
|-------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| Size                                                  | 6                                                                                                                    |
| Series                                                | MS                                                                                                                   |
| Actuator lock                                         | Rotary knob with detent<br>can be closed with accessories                                                            |
| Mounting position                                     | Vertical +/-5°                                                                                                       |
| Grade of filtration                                   | 40 µm                                                                                                                |
| Condensate drain                                      | Manually rotating                                                                                                    |
| Design                                                | Soft-start valve<br>On/off valve<br>Filter regulator with pressure gauge                                             |
| Controller function                                   | Output pressure constant<br>Via primary pressure compensation<br>With secondary venting<br>With return flow function |
| Bowl guard                                            | Plastic bowl guard                                                                                                   |
| Symbol                                                | 00991766                                                                                                             |
| Pressure gauge (ANALOG) or Pressure display (DIGITAL) | With pressure gauge                                                                                                  |
| Operating pressure                                    | 4.5 bar ... 18 bar                                                                                                   |
| Pressure regulation range                             | 4 bar ... 12 bar                                                                                                     |
| Standard nominal flow rate (standardised to DIN 1343) | 3100 l/min                                                                                                           |
| Characteristic coil data                              | 24 V DC: 1.5 W                                                                                                       |
| Operating medium                                      | Compressed air to ISO 8573-1:2010 [-:4:-]<br>Inert gases                                                             |
| Note on operating and pilot medium                    | Lubricated operation possible (in which case lubricated operation will always be required)                           |
| Corrosion resistance class CRC                        | 2 - Moderate corrosion stress                                                                                        |
| LABS (PWIS) conformity                                | VDMA24364-B1/B2-L                                                                                                    |
| Storage temperature                                   | -10 °C ... 60 °C                                                                                                     |
| Suitable for use with food                            | See supplementary material information                                                                               |
| Air purity class at output                            | Compressed air to ISO 8573-1:2010 [7:4:4]                                                                            |
| Media temperature                                     | -10 °C ... 60 °C                                                                                                     |
| Ambient temperature                                   | -10 °C ... 60 °C                                                                                                     |
| Product weight                                        | 2400 g                                                                                                               |
| Type of mounting                                      | With accessories                                                                                                     |
| Pneumatic connection, port 1                          | G1/2                                                                                                                 |
| Pneumatic connection, port 2                          | G1/2                                                                                                                 |
| Pneumatic connection, port 3                          | G1/2                                                                                                                 |
| Note on materials                                     | RoHS-compliant                                                                                                       |

| Feature          | Value              |
|------------------|--------------------|
| Material housing | Die-cast aluminium |
| Material bowl    | PC                 |