

# Water trap MS6-LWS

Part number: 564858

**FESTO**



## Data sheet

| Feature                                           | Value                                                                                                        |
|---------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| Size                                              | 6                                                                                                            |
| Series                                            | MS                                                                                                           |
| Mounting position                                 | Vertical $\pm 5^\circ$                                                                                       |
| Condensate drain                                  | Fully automatic<br>Fully automatic, electrically controlled<br>Manual, non-detenting                         |
| Structural design                                 | Centrifugal separator                                                                                        |
| Max. condensate volume                            | 38 ml                                                                                                        |
| Bowl guard                                        | Integrated as metal bowl                                                                                     |
| Degree of condensate separation                   | 99 %                                                                                                         |
| Operating pressure                                | 0.8 bar...16 bar                                                                                             |
| Normal nominal flow rate (normalized to DIN 1343) | 2400 l/min...3800 l/min                                                                                      |
| Certification                                     | c UL us - recognized (OL)                                                                                    |
| CE marking (see declaration of conformity)        | as per EU explosion protection directive (ATEX)                                                              |
| UKCA marking (see declaration of conformity)      | acc. to UK EX instructions                                                                                   |
| Explosion protection certification outside the EU | EPL Db (GB)<br>EPL Gb (GB)                                                                                   |
| Explosion prevention and protection               | Zone 1 (ATEX)<br>Zone 1 (UKEX)<br>Zone 2 (ATEX)<br>Zone 21 (ATEX)<br>Zone 21 (UKEX)<br>Zone 22 (ATEX)        |
| ATEX category gas                                 | II 2G                                                                                                        |
| ATEX category for dust                            | II 2D                                                                                                        |
| Type of ignition protection for gas               | Ex h IIC T6 Gb X                                                                                             |
| Type of (ignition) protection for dust            | Ex h IIIC T60°C Db X                                                                                         |
| Explosive ambient temperature                     | -10°C $\leq$ Ta $\leq$ +60°C                                                                                 |
| Operating medium                                  | Compressed air as per ISO 8573-1:2010 [...:]<br>Compressed air as per ISO 8573-1:2010 [7:...]<br>Inert gases |
| Corrosion resistance class (CRC)                  | 2 - Moderate corrosion stress                                                                                |
| LABS (PWIS) conformity                            | VDMA24364-B1/B2-L                                                                                            |
| For use in the food industry                      | See supplementary material information                                                                       |

| Feature                    | Value                                                      |
|----------------------------|------------------------------------------------------------|
| Temperature of medium      | -10 °C...60 °C                                             |
| Degree of protection       | IP65<br>As per IEC 60529                                   |
| Ambient temperature        | -10 °C...60 °C                                             |
| Type of mounting           | Alternatively:<br>In-line installation<br>With accessories |
| Note on materials          | RoHS compliant                                             |
| Seals material             | NBR                                                        |
| Housing material           | Die-cast aluminum                                          |
| Material of bowl           | Wrought aluminum alloy                                     |
| Inspection window material | PA                                                         |