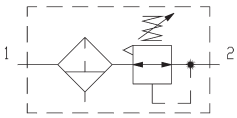
## DESCRIPTION

Filter reducer series “UZRRM/F”,produced with connections G 1/4, combine the characteristics of the filters and of the pressure reducers “UZ”, thus optimising the overal dimension.
They are in compliance with ATEX directive, 2GD category, upon request.






## TECHNICAL DATA

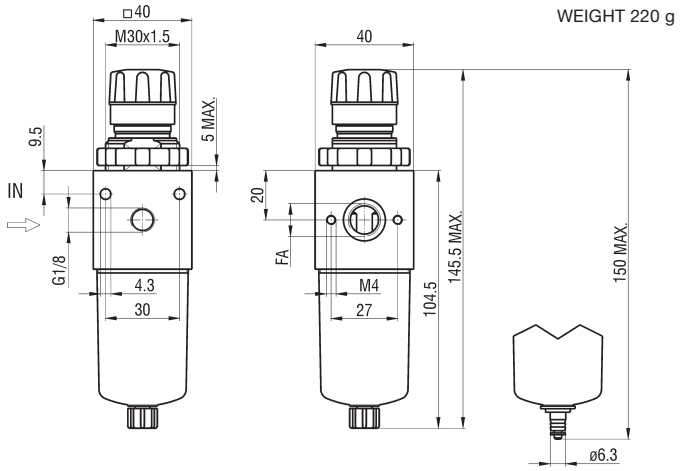
| | |
|---|---|
| Maximum pressure | 16 bar |
| Working temperature | 0 ÷ +50 °C (–10 °C with dry air) |
| Fluid | Compressed air |
| Port size | G 1/4 |
| Pressure gauge port size | G 1/8 |
| Void fraction | 20 µm standard, 5 µm and 40 µm on request |
| Condensate drainage system | Manual or semi-automatic |
| Max. condensate capacity | 9 $cm^3$ (do not exceed the level gauge) |
| Adjusting range (bar) | 0,2 ÷ 2 - 0,4 ÷ 4 - 0,8 ÷ 9 - 1,5 ÷ 12 |
| Type of mounting | Modular, in-line, wall and panel mounting |
| Wall clamping screws | M4x50 |

## MATERIALS

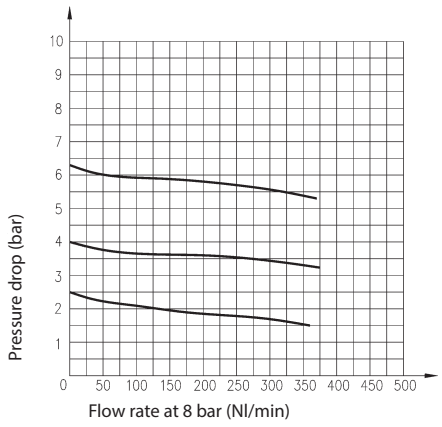
| | |
|---|---|
| Body | Aluminium alloy |
| Bowl | Transparent techno-polymer with metallic protection or entirely metallic bowl (without visualization of level) on request |
| Filtering element | Sintered polyethylene 5 µm - orange<br>20 µm - white<br>40 µm - grey |
| Seals | NBR rubber |
| Baffle | Acetal resin |
| Closing plug | Brass, NBR rubber |
| Spring | Stainless steel |
| Knob | Acetal resin |
| Adjusting screw | Brass |
| Diaphragm | Brass, NBR rubber |

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## DIMENSIONS AND WEIGHT - UZRRM /F




## FLOW CHART - UZRRM /F




## SPARE PARTS

See series **“UZF”** (on page 4.3) and **“UZRR”** (on page 4.4)

## ORDER KEY

UZRRM

Series
Size
Adjusting range
Degree of filtration
Bowl
Condensate drainage system
ATEX

P.S.: Filters reducers can be supplied without the relieving seal on request; the series becomes **UZRM**...

### SIZE

4 G 1/4

### ADJUSTING RANGE

/3 0,2 ÷ 2 bar
/5 0,4 ÷ 4 bar
/7 0,8 ÷ 9 bar
/12 1,5 ÷ 12 bar

### DEGREE OF FILTRATION

F5 5 µm
F20 20 µm
F40 40 µm

### BOWL

Trasparent
PM Metallic protection
TM Metallic

### CONDENSATE DRAINAGE SYSTEM

Manual
/SS Semi-automatic

### ATEX

**/EX** Consistent with the ATEX directive

Ex II 2G Ex h IIC T5 Gb -10°C≤Ta≤50°C
II 2D Ex h IIIC T100 °C Db X