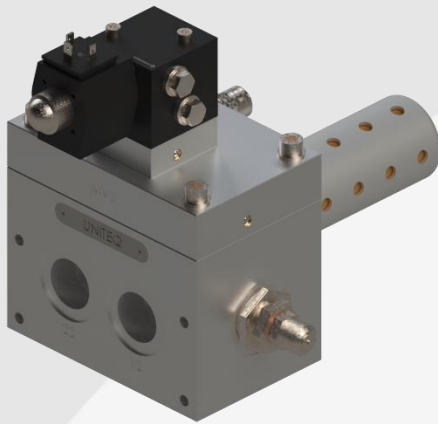


## Pneumatic manifold G1-MO 1xNO-O/C 1xNC

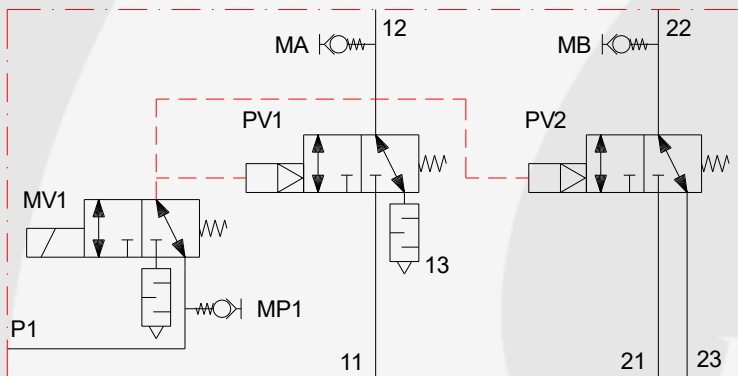
## Image



## Technical features

- Suitable for double acting (DA) actuator
- Fail safe open/close function (1x NC, power/signal loss)
- Modulating (MO 1x NO) function
- Open/close (O/C 1x NC) function
- SIL2 certified according to IEC 61508
- Operation pressure 0...10 bar (0...145psi)
- Operation temperature -25°C -13°F / +70°C +158°F
- Supplied medium air, filtered non-lubricated and dry
- ATEX implementation suitable

## Symbol



## Technical data

## Sizes & selection

| Port size) |             | Max flow |         | Model |      |
|------------|-------------|----------|---------|-------|------|
| 12/22      | 11/13/21/23 | P1       | ltr/min | CV    | (kg) |
| G1         | G1          | G1/4     | 8.000   | ...   | 5.4  |

## Configuration

## Function

MO (1x NO "MV1")  
O/C (1x NC "MV1")

## Connections

|                    |                            |
|--------------------|----------------------------|
| Port (P1)          | external supply connection |
| Port (12/22)       | supply to actuating        |
| Port (11/13/21/23) | supply or release          |
| MA/MB/MP1          | measurement connection     |

## Electric

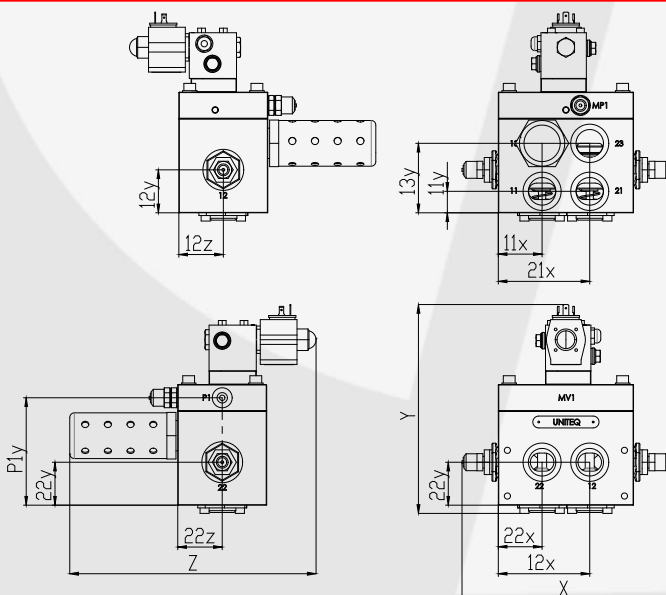
Power consumption solenoid valve (MV1):

|         |          |         |       |
|---------|----------|---------|-------|
| 16.9 W, | 24 VDC,  | 703 mA, | IP65. |
| 17.3 VA | 230 VAC, | 75 mA   | IP67. |

**Order codes:**

UGP100117-24VDC or UGP100117-230VAC

## Drawing



## Sizes

## Dimensions

| 11   | 12   | 13   | 21  | 22  | 23  | P1   |
|------|------|------|-----|-----|-----|------|
| G1   | G1   | G1   | G1  | G1  | G1  | G1/4 |
| MP1  | MA   | MB   | 13y | 12x | 11x | 21X  |
| G1/4 | G1/4 | G1/4 | 76  | 101 | 48  | 101  |
| 11y  | 12y  | 12z  | 22y | 22x | 22z |      |
| 24   | 47   | 49   | 47  | 48  | 49  |      |
| X    | Y    | Z    |     |     |     |      |
| 149  | 203  | 217  |     |     |     |      |

### Support connection manifold

4 times holes M8, depth 12mm

## Material

|                |                             |
|----------------|-----------------------------|
| Housing        | Aluminium anodize           |
| Internal parts | Stainless steel, Brass, POM |
| Seals          | NBR / PUR                   |