



UGP100103

UNITEQ BV

Oude Graaf 18, 6002 NL, Netherlands

T. +31 495 52 45 65

E. sales@uniteq.nl

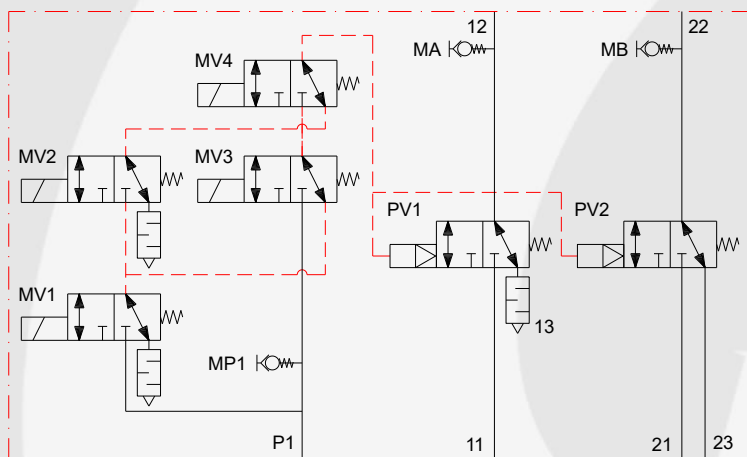
Version 2022.v01 EN

Pneumatic manifold G1-2003-MO-O/C

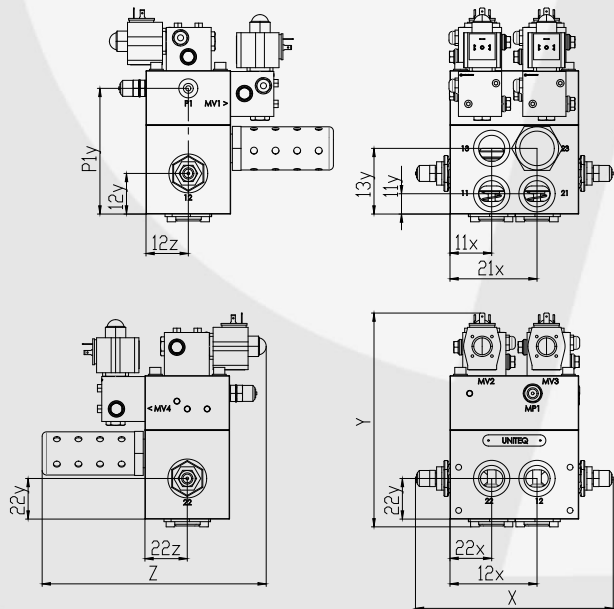
Image



Symbol



Drawing



Technical features

- Suitable for double acting (DA) actuator
- Fail safe open/close 2003 function (power/signal/air loss)
- Modulating MO function
- Quick close or open function
- SIL3 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
- Equipped with prepared lock-up valve connection (P/P1)
- ATEX implementation suitable

Technical data

Sizes & selection

Port size		Max flow		Model	
12/22	11/21/23	P1	ltr/min	CV (kg)	
G1	G1	G1/4	8.000	...	8.1 UGP100103

Configuration

Function

MO (4x NC "MV1/MV2/MV3/MV4")
O/C (1x NO "MV4" 3x NC
"MV1/MV2/MV3")

Connections

Port (12/22/23)

supply actuating

Port (13)

release

Port (11/21)

supply modulating connection

Port (P1)

external supply solenoid valve

MA/MB/MP1

measurement connection

Electric

Power consumption solenoid valve (MV1/MV2):

16.9 W, 24 VDC, 703 mA, IP65.

17.3 VA 230 VAC, 75 mA IP67.

Order codes:

UGP100103-24VDC or UGP100103-230VAC

Sizes

Dimensions

12	13	22	23	11	21	P1	MP1	MA
G1	G1	G1	G1	G1	G1	G1/4	G1/4	G1/4
MB	11x	12y	11y	13y	12z	12x	22x	22y
G1/4	48	47	24	76	49	101	48	47
21x	22z	P1y	X	Y	Z			
101	49	154	229	203	260			

Support connection manifold

4 times holes M8, depth 12mm

Material

Housing

Aluminium anodize

Internal parts

Stainless steel, Brass, POM

Seals

NBR / PUR