



oz pneumatica

*ability
technology
precision*

COMPANY PROFILE



OUR COMPANY

az pneumatica

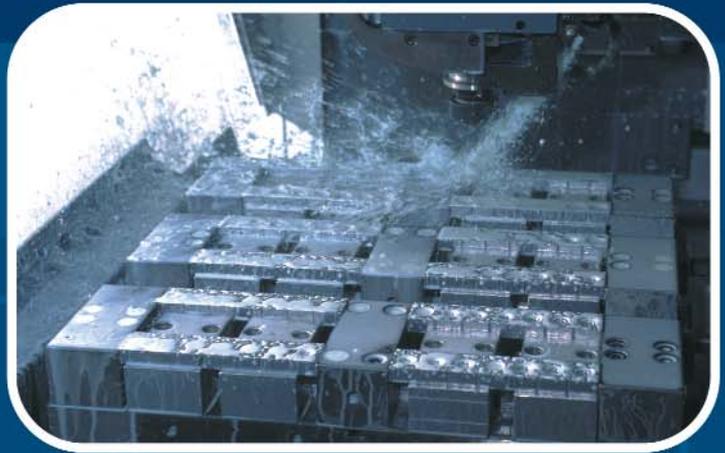
AZ Pneumatica s.r.l.

Via Marco Biagi, 6
20826 MISINTO
MILAN - ITALY

<http://www.azpneumatica.com>
azpneu@tin.it



AZ Pneumatica has been known for well over thirty years as a respected worldwide manufacturer of fine pneumatic valves, actuators and ancillary components. Particularly skilled in custom design, AZ Pneumatica can produce OEM to the client's own specification. The company has recently expanded into larger premises and just granted full distribution rights for the United States to AZ Pneumatics LLC, our Boston based firm.



Mainly known for its artisan like approach to manufacturing, AZ Pneumatica has always strived to deliver products that matched its promise to excellence. The key to its success could be namely attributed to the peculiar work history the company has experienced throughout the course of time. Since its very inception, back in the early eighties, AZ Pneumatica engineers have had to deal with some of the most varied instalments ever. These peculiar and unique circumstances have eventually brought AZ Pneumatica to acquire a level of craftsmanship second to none.



<http://www.azpneumatics.com>
info@azpneumatics.com



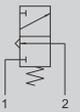
Its state of the art manufacturing plants, alongside its highly trained and seasoned professional workforce, puts AZ Pneumatica on a league of its own. Pioneer of some of the world's most acclaimed valves and cylinders designs, AZ Pneumatica is also an internationally acclaimed OEM manufacturer. Its products are featured in the catalogues of some of the top 10 pneumatic valve manufacturers in the world. This alone should suffice in classifying AZ Pneumatica with undisputed leadership in this sector.



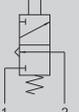
This company profile does not contain all the information and technical data contained in the full catalogue edition. Most products are available in BSP and NPT threaded ports version.



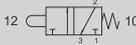
MANUALLY ACTUATED VALVES

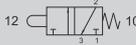
ø4
304 MB
 M5
305 MB

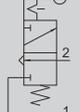
ø4
304 MGG
304 MGR
304 MGV
304 MGN

G1/8"
431 MGG
431 MGR
431 MGV
431 MGN

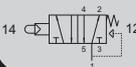
08.306.4
08.209.4

M5
305 LL



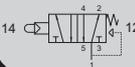

G1/8"
321 MB



521 MB




G1/8"
321 MB90



521 MB90



PR1/NRB



PF2/40



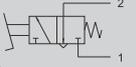
SS1/CD



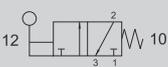

G1/4"
PED 502 M



PED 502 B

ø4
PED 304 M

G1/8"
321 ML90



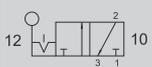
G1/4"
322 ML90



G1/8"
521 ML90



G1/4"
522 ML90

G1/8"
321 LL90



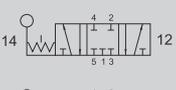
G1/4"
322 LL90



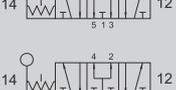
G1/8"
521 LL90



G1/4"
522 LL90

G1/8"
5213C LL90



5213A LL90



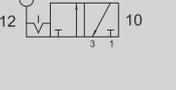
5213P LL90



G1/4"
5223C LL90



5223A LL90



5223P LL90




G1/2"
324 ML90



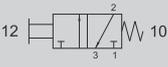
524 ML90



G1/2"
324 LL90



524 LL90

G1/8"
321 MT

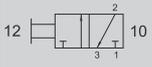


G1/4"
322 MT



G1/8"
521 MT

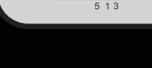
G1/4"
522 MT

G1/8"
321 TT

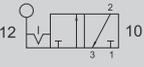


G1/4"
322 TT



G1/8"
521 TT

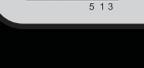
G1/4"
522 TT

G1/8"
321 LL

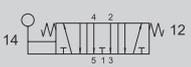


G1/4"
322 LL

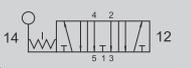


G1/8"
521 LL

G1/4"
522 LL

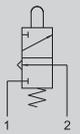
G1/8"
5213A ML



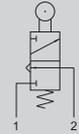
G1/8"
5213A LL

MECHANICALLY ACTUATED VALVES

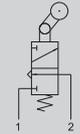




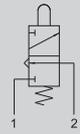
ø4
304 MA
 M5
305 MA

ø4
304 MR
 M5
305 MR

ø4
304 MS
 M5
305 MS

ø4
304 MV
 M5
305 MV




G1/8"
321 MP



521 MP




G1/8"
321 MPS



521 MPS




G1/8"
321 MR



521 MR




G1/8"
321 MRU



521 MRU




G1/8"
321 MRS



521 MRS




G1/8"
321 MN



521 MN




G1/8"
431 MP



451 MP




G1/8"
431 MR



451 MR




G1/8"
431 MRL



451 MRL




G1/8"
431 LL



451 LL




G1/8"
431 MLL



451 MLL

GENERAL TECHNICAL DATA

Ports	Working pressure	Temperature range	Nominal flow rate at 6 bar and Δp 1 bar	Nominal orifice
M5	max. 10 bar	max. 60°C	100 NI/min	2.5 mm
G1/8"	max. 10 bar	max. 60°C	550 NI/min	5 mm
G1/4"	max. 10 bar	max. 60°C	1100 NI/min	7.5 mm
G1/2"	max. 10 bar	max. 60°C	4600 NI/min	13 mm



SOLENOID ACTUATED VALVES



G1/8"
321 ME
 G1/4"
322 ME
 G1/8"
521 ME
 G1/4"
522 ME



G1/8"
321 ME AS
 G1/4"
322 ME AS
 G1/8"
521 ME AS
 G1/4"
522 ME AS



G1/8"
321 EE
 G1/4"
322 EE
 G1/8"
521 EE
 G1/4"
522 EE



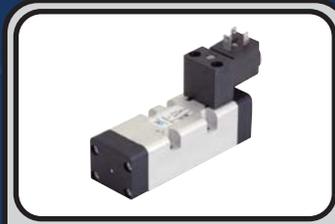
G1/8"
321 EE AS
 G1/4"
322 EE AS
 G1/8"
521 EE AS
 G1/4"
522 EE AS



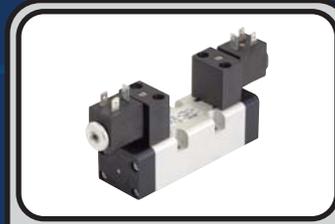
G1/8"
5213C EE
5213A EE
5213P EE
 G1/4"
5223C EE
5223A EE
5223P EE



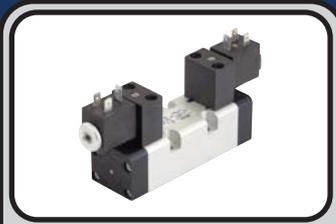
16 mm
451P ME
451P EE



ISO 1-2-3
152 ME
252 ME
352 ME
152 ME AS
252 ME AS
352 ME AS



ISO 1-2-3
152 EE
252 EE
352 EE
152 EE AS
252 EE AS
352 EE AS



ISO 1-2-3
153C EE
253C EE
353C EE
153A EE
253A EE
353A EE
153P EE
253P EE
353P EE



G1/8"
 NC: **00.051.3**
 NA: **00.088.3**
 G1/4"
 NC: **01.005.3**
 NA: **01.066.3**



PLUG-IN VALVE MANIFOLDS
 in various configurations



DYNAMAX
DYNAMAX VALVE MANIFOLDS
 in various configurations

Our products are available also with certification under European Directive 2014/34/EU - **ATEX**.
 Ask for more information.

SOLENOID ACTUATED VALVES



VDMA 18 mm
VDMA 25 mm

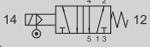
851 ME
951 ME



851 EFP



851 ME AS
951 ME AS



VDMA 18 mm
VDMA 25 mm

851 EE
951 EE



851 EE AS
951 EE AS



VDMA 18 mm
VDMA 25 mm

8513C EE
9513C EE

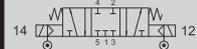


8513A EE
9513A EE



VDMA 18 mm
VDMA 25 mm

8513C EE AS
9513C EE AS



8513A EE AS
9513A EE AS



18 mm
G1/8"

751 ME



751 EFP



751 ME AS



18 mm
G1/8"

751 EE

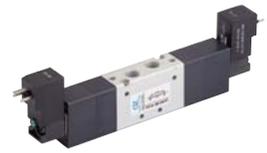


751 EE AS



18 mm
G1/8"

7513C EE
7513A EE



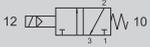
18 mm
G1/8"

7513C EE AS
7513A EE AS

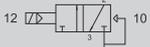


18 mm
G1/8"

731 ME



731 EFP



731 ME AS



18 mm
G1/8"

731 EE

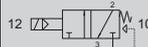


731 EE AS



NAMUR

382 ME

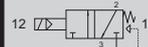


582 ME



G1/2"

324 ME



524 ME



Areas of use

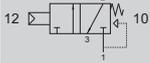
Machines for wood and metal processing, beverage industry, packaging machines, automatic handling, chemical industry, printing machines, metal cutting and machining systems, textile machinery, automotive industry, special machinery construction, vacuum technology, automatic door systems, railway industry, etc.



PNEUMATICALLY PILOTED VALVES



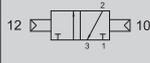
G1/8"
321 MC
G1/4"
322 MC



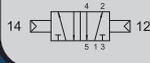
G1/8"
521 MC
G1/4"
522 MC



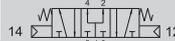
G1/8"
321 CC
G1/4"
322 CC



G1/8"
521 CC
G1/4"
522 CC



G1/8"
5213C CC
5213A CC
5213P CC



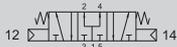
G1/4"
5223C CC
5223A CC
5223P CC



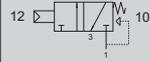
ISO 1-2-3
152 MC
252 MC
352 MC
152 CFP
252 CFP
352 CFP
152 CC
252 CC
352 CC



ISO 1-2-3
153C CC
253C CC
353C CC
153A CC
253A CC
353A CC
153P CC
253P CC
353P CC



NAMUR



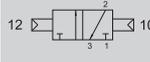
382 MC



582 MC



NAMUR



382 CC



582 CC



VDMA 18 mm
VDMA 25 mm
851 MC
951 MC



851 CFP

851 CC
951 CC



VDMA 18 mm
VDMA 25 mm

8513C CC
9513C CC



8513A CC
9513A CC



18 mm
G1/8"

731 MC



731 CFP



731 CC



18 mm
G1/8"

751 MC



751 CFP

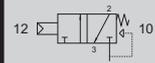


751 CC

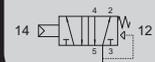


G1/2"

324 MC



524 MC



FITTINGS




RP020



RP115



RP230



RP560



RG053



AZWT-G



AZL-G



AZUT



RZ230



RB300

INTEGRATED ELEMENTS



oscillating valve



01.044.4
01.046.4
01.008.3

flip-flop



10.018.3
10.035.4

dual pressure valve



00.047.4
00.008.3

impulse generator



NA: **10.001.4**
NC: **10.009.4**

slow-start valve



10.003.3

vacuum generator




03.020.4
03.020.4/S
03.017.4
03.026.4
03.043.4

piloted non-return valve




G1/8" **11.044.4**
G1/4" **11.076.4**
G1/8" **11.066.4**
G1/4" **11.077.4**

vacuum driven sprayer




DP 2005

safety element for dual hand systems



08.156.4

timer valve



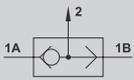
00.074.4



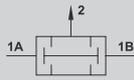
ANCILLARY VALVES AND ACCESSORIES



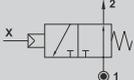
OR $\varnothing 4$
08.021.4
M5
08.022.4
G1/8"
08.023.4



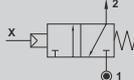
AND $\varnothing 4$
08.025.4
M5
08.026.4
G1/8"
08.027.4



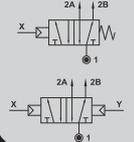
NOT $\varnothing 4$
08.039.4



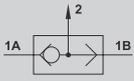
YES $\varnothing 4$
08.049.4



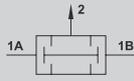
memory $\varnothing 4$
04.003.4
04.002.4



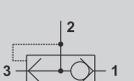
OR G1/8"
08.133.4
G1/4"
08.127.4



AND G1/8"
08.121.4



quick exhaust G1/8"
08.180.4
G1/4"
08.181.4
G1/2"
36.625.0



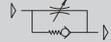
AZ-CRS1
AZ-CRS2
AZ-CRS3
AZ-CRS4



logic elements for interface **OR**
AND
NOT
YES
RELÉ



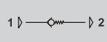
RFU M5
RFU 1/8.2
RFU 1/8.3
RFU 1/4
RFU 3/8
RFU 1/2



RFB M5
RFB 1/8
RFB 1/4
RFB 3/8
RFB 1/2



VNR M5 FF
VNR 1/8 FF
VNR 1/8 MF
VNR 1/4 FF
VNR 1/4 MF



RSW 1/8
RSW 1/4
RSW 3/8
RSW 1/2



RSTC 1/8
RSTC 1/4



Polyamide PA11 - PA12:
PA11A - PA12A (blue)
PA11N - PA12N (neutral)
Polyurethane:
PU (blue)



VS100
VS110
VS400
VS405



air manifolds



pressure switches



pressure switch



G1/8"
TRP 8

AIR PREPARATION UNITS



filters



BSP - NPT
 1/4" **FIL 2K-05-S**
 3/8" **FIL 3K-05-S**
 1/2" **FIL 4K-05-S**

pressure regulators



BSP - NPT
 1/4" **REG 2K-08**
 3/8" **REG 3K-08**
 1/2" **REG 4K-08**

lubricators



BSP - NPT
 1/4" **LUB 2K-00**
 3/8" **LUB 3K-00**
 1/2" **LUB 4K-00**

filter-regulators



BSP - NPT
 1/4" **FR 2K-08-05-S**
 3/8" **FR 3K-08-05-S**
 1/2" **FR 4K-08-05-S**

FR+L



BSP - NPT
 1/4" **FR+L 2K-08-05-S**
 3/8" **FR+L 3K-08-05-S**
 1/2" **FR+L 4K-08-05-S**

shut-off valves



BSP - NPT
 1/4" **SR-M2K**
 3/8" **SR-M3K**
 1/2" **SR-M4K**

quick exhaust valves



BSP - NPT
 1/4" **SCR 2K-E**
 3/8" **SCR 3K-E**
 1/2" **SCR 4K-E**

slow-start valves



BSP - NPT
 1/4" **AVP 2K-00**
 3/8" **AVP 3K-00**
 1/2" **AVP 4K-00**

lockable slide valves



G1/4" **18.010.0**
 G1/2" **18.011.0**

proportional regulators



G1/4" **RPE 2V NA**
 G1" **RPE 6N VNC**

PNEUMATIC CYLINDERS



cylinders ISO 15552 (ex ISO 6431 VDMA)



ø32 ... ø320

clamping cylinders



ø25, 35

minicylinders ISO 6432



ø10 ... ø25

round cylinders



ø32, 40, 50

compact cylinders



ø32 ... ø100

short stroke cylinders



ø16 ... ø100

rodless cylinders



ø16, 25, 32, 40, 50, 63, 80



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