



Pneumatic and solenoid foot valves

- Double poppet system appreciated for its reliability and high flow rate
- Aluminium valve body and pedal lever assuring the max strenght
- Available with and without protection (in the latter case the protection is to be realized by the machine builder according to the current rules)
- Available with safety devices to prevent unintentional operations
- Available with pneumatic servo-assistance in case of minimum stress
- Electric foot valves with single or double microswitch complete the foot valve range



Fluid	filtered air 50 µm, with or without lubrication	
Temperature ambient	-10 ÷ +70°C	
Temperature fluid	-10 ÷ +50°C	
Commutation system	Poppet	
Ways/Position	2/2 NC, 3/2 NC, 2/2 NO, 3/2 NO, 5/2	
Pressure	Max 10 bar	
Control	pedal	
Return	mechanical spring, peda	
Connections	G1/8	G1/4
Nominal bore (mm)	2,3	8
Nominal flow rate (NI/min)	98	800

PNEUMATIC FOOT VALVE

Valve body	zamak
Lever pedale	aluminium
Pedal body and protection	plastic material with steel reinforcement plate
Seals	oil-resistant and wear-resistant compound
Spool	aluminium

SOLENOID FOOT VALVE

Valve body, lever foot, protection	dielectric plastic material
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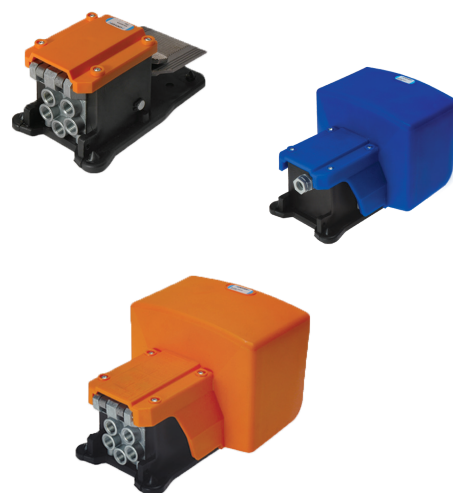


Riference standard

II 2G Ex h IIC T5 Gb



II 2D Ex h IIIC T100°C Db



PNEUMATIC FOOT VALVE WITH PROTECTION



AM-5043B	2/2 NC	G 1/8	
AM-5043D	2/2 NO	G 1/8	
AM-5043	3/2 NC	G 1/8	
AM-5043C	3/2 NO	G 1/8	

Version without protection available on request

SOLENOID FOOT VALVE



AM-5050	No electrical microswitch	
AM-5051	Electrical microswitch	
AM-5052	Double electrical microswitch	

SERIES AM - PNEUMATIC AND SOLENOID FOOT VALVES

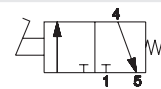
PNEUMATIC FOOT VALVE WITH PROTECTION

SPRING RETURN

AM-5000

3/2 NC

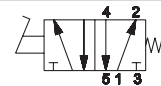
G 1/4



AM-5001

5/2

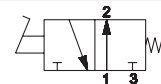
G 1/4



AM-5002

3/2 NO

G 1/4

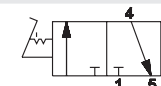


BISTABLE

AM-5003

3/2 NC

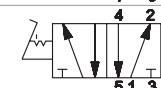
G 1/4



AM-5004

5/2

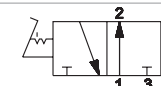
G 1/4



AM-5005

3/2 NO

G 1/4

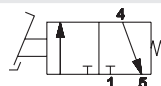


WITH SAFETY CONTROL

AM-5011

5/2

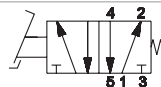
G 1/4



AM-5012

3/2 NO

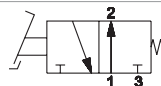
G 1/4



AM-5015

3/2 NC

G 1/4

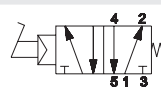


EXTERNAL OFORATION - SPRING RETURN

AM-5021

5/2

G 1/4

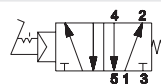


EXTERNAL OFORATION - BISTABLE

AM-5031

5/2

G 1/4

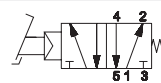


EXTERNAL OFORATION WITH SAFETY CONTROL

AM-5041

5/2

G 1/4



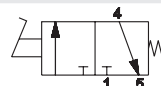
PNEUMATIC FOOT VALVE G1/4 WITHOUT PROTECTION

SPRING RETURN

AM-5000A

3/2 NC

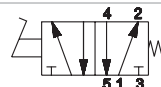
G 1/4



AM-5001A

5/2

G 1/4

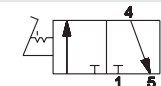


BISTABLE

AM-5003A

3/2 NC

G 1/4



AM-5004A

5/2

G 1/4

