



Light series valves for ISO 5599/1 sub-base mounting

- Light series: technopolymer valve body with metall cover
- Interchangeability: ISO 5599/1 sub-base mounting (size 1 and 2)
- Reliability: the mixed internal system (poppet-spool) guarantees long life
- Performance: high flow rate (size 1 = 1480 NI/min - size 2 = 2300 NI/min), fast commutation, functioning without lubrication
- Multifunction: possibility to get different functions just changing the position of the selective seal



Fluid	50 µm filtered air, with or without lubrication	
Ambient temperature	10 ÷ +50 °C	
Fluid temperature	+50 °C Max	
Commutation system	mixed system	
Ways/Positions	5/2	
Pressure	max 10 bar	
Control	indirect electro - pneumatic	
Return	pneumomechanical spring	
Connections	ISO 5599/1 interface	
	taglia 1	taglia 2
Nominal Ø (mm)	8	10
Nominal flow rate (NI/min)	1480	2300
Valve body	acetalic resin	
Seals	NBR	
Spool	Aluminum	
Cover	zamak	
Electropilot	AA series	
Coil	U1 - DA series	
Power consumption	3,5 W (DC) - 5 VA (AC)	
Voltage	12 V DC - 24 V DC - 24 V AC - 110 V AC - 230 V AC	
Connector	AM-5110	
Manual override	impulse screw - 2 position	



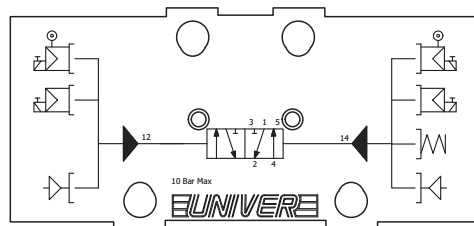
Reference standard

II 2G Ex h IIC T5 Gb
Ex

II 2D Ex h IIC T100°C Db
Ex



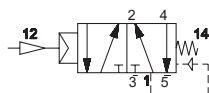
MULTIFUNCTIONAL SYSTEM



PNEUMATIC IMPULSE

ELECTRIC IMPULSE

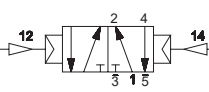
AE-1009 5/2 pneumatic + spring 1



AE-1120 5/2 pneumatic + spring 2

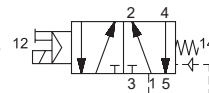


AE-1010 5/2 pneumatic amplified 1



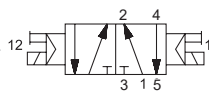
AE-1121 5/2 pneumatic amplified 2

AE-1000 5/2 pneumatic + spring 1



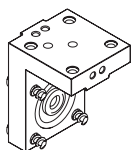
AE-1100 5/2 pneumatic + spring 2

AE-1003 5/2 pneumatic amplified 1



AE-1103 5/2 pneumatic amplified 2

AM-5151



Angle plate for "H" solenoid option **G1/8 - G1/4**

SUB-BASE - ISO 1

single sub-base,
side connections

single modular or Manifold
subbase, dorsal connections with
separate exhausts

Manifold universal system
sub-base, dorsal and side
connections conveyed exhausts

Manifold universal system inlet
plate

Manifold universal system
diaphragm



BF-1060 G1/8 in-line connections
BF-1061 G1/4 in-line connections



BF-1062 G1/8 dorsal connections
BF-1063 G1/4 dorsal connections



BF-1071 G1/8 dorsal and side
connections
BF-1071S G1/8 side pneumatic
impulse
BF-1072 G1/4 dorsal and side
connections
BF-1072S G1/4 side pneumatic
impulse



BF-1064 G3/8 in-line connections
BF-1065 G3/8 on top connections
BF-1066 G3/8 dorsal connections
BF-1068 G3/8 only in-line
connections



BF-1070

SUB-BASE - ISO 2

single sub-base, side connections

single sub-base, dorsal
connections

Manifold universal system
sub-base, dorsal and side
connections conveyed exhausts

Manifold universal system inlet
plate

Manifold universal system
diaphragm



BF-1150 G1/4 in-line connections
BF-1151 G3/8 in-line connections



BF-1152 G1/4 dorsal connections
BF-1153 G3/8 dorsal connections



BF-1160 G1/4 dorsal and side
connections
BF-1161 G3/8 dorsal and side
connections



BF-1154 G1/2 in-line connections
BF-1155 G1/2 dorsal connections



BF-1162

U1 COIL - 22 MM SIDE



DA-0050

12 V DC

DA-0051

24 V DC

DA-0106

24V AC - 50/60 Hz

DA-0108

110V AC - 50/60 Hz

DA-0124

230V AC - 50/60 Hz

CONNECTOR FOR U1 COILS



AM-5110

IP 65 protection rating. PG9 cable entry.
Can be rotated 180° on the reel.

Available on request with indicator light