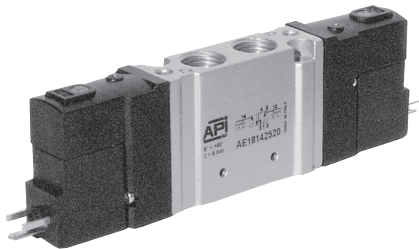


Electrically and pneumatically operated valves, sizes 15 and 18 mm
Size 18 mm, 5/2 electric two stable position



Executions			
Version	Symbol	Code	Item
1/4" ports		035221	AE18142520
EXTERNAL AIR PILOT			
1/4" ports		035231	AE18142520K



Note: The fixing screws for mounting on sub-base are included in the base kit.
The maximum torque of the fixing screw of the coil must not exceed 1Nm.

type: **AE18142520**
AE18142520K

Technical drawings of the valve showing dimensions and specifications:

- Top view: Overall length 47.5, port spacing 18, 18, 42, 4.2, and G1/8.
- Side view: Total length 131, mounting hole spacing 56, and M3.6 threads.
- Front view: Port spacing 49, M5 threads, and 1.5, 8, 1.5 dimensions.
- Detail: 21mm hole with DIN 43650 C thread.

Series of spool valves with reduced dimensions and low electrical consumption, thanks to which they can be operated directly by electronic systems.
The ports are available in various configurations for mounting on base or single use; in case of single use the relevant fixing plate must be applied.
Coils and connectors are to be ordered separately.

For the fixing plate type PF 1518 see page 2.20.1.
For the coils type ASA 18.. see page 2.200.1.
For the connectors type A05207.. see page 2.210.1.
For the sub-bases type SB18.. see page 2.40.1.

In the external air pilot versions the ports for external piloting are M5.
The exhausts are 1/8".

Technical data		
Fluid	Compressed filtered air with or without lubrication. Lubrication, if be used, must be continous.	
Pressure range	2 ÷ 8 bar	With external air pilot: 0 ÷ 8 bar
Temperature range	-5 °C ÷ + 50°C	
Orifice	8 mm	
Flow	1200 NI/min	
Manual override	Single stable position, flat	
Response time	Energising: 24 ms	
Mounting	In any position	
Materials	Body:	Die-cast aluminium
	Heads:	Acetal resin
	Seals:	Nitrile rubber (NBR)