

Electrically operated valves

Series MC-07 for manifold mounting, 5/2- and 5/3-way

1200 NI/min (1.219 Cv)

airtec

Order code

MC-07-510-HN-712

Series and function

Coil options

without plug socket 28-ST-03

712 = 24 V DC, 4.8 W

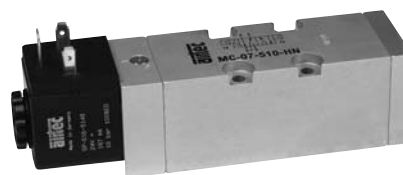
722 = 24 V AC, 7.9/5.5 VA

726 = 115 V AC, 7.9/5.5 VA

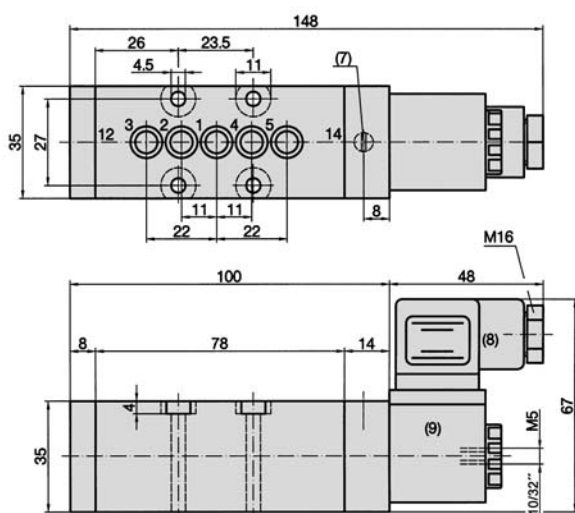
727 = 230 V AC, 7.9/5.5 VA

Design, function and technical data

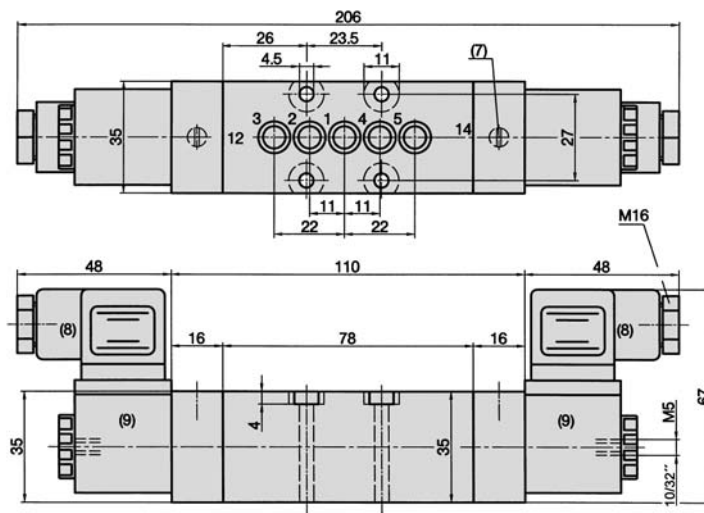
Spool valve actuated by an electrical signal.



MC-07-510-HN



MC-07-520-HN, MC-07-530-HN, MC-07-533-HN



Note: Plug socket(s) not included in scope of delivery.

1 = pressure inlet

2, 4 = outlets

3, 5 = exhausts

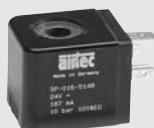
(7) = manual override (detent) can be repositioned by 180°

(8) = plug socket can be repositioned by 4 x 90°

(9) = solenoid coil can be repositioned by 4 x 90°

Order number	MC-07-510-HN	MC-07-520-HN	MC-07-530-HN	MC-07-533-HN
Please complete according to order code.				
Function	5/2-way single solenoid	5/2-way double solenoid	5/3-way center position closed	5/3-way center position exhausted
Connection	sub-base mounting			
Nominal size	7 mm			
Flow rate	1200 NI/min (1.219 Cv)			
Pressure range	1,5 ... 10 bar (22 ... 145 psi)			
Response time at 6 bar	on 15 ms off 19 ms			
Temperature range	- 10 °C ... + 70 °C (+ 14 °F ... + 158 °F)			
Materials	Body: Al (anodized), Seals: NBR and POM, Inner parts: Al, stainless steel, brass			
Medium	Compressed air in accordance with ISO 8573-1:2010, Class 7:2:4 – and free of aggressive additives.			
Degree of protection	IP 65 according to EN 60529			
Weight	0.470 kg (1.036 lbs.)			

**Solenoid coil,
plug socket,
actuator**



Standard coil
23-SP-016-...
page 4.280



Standard plug socket
28-ST-03
page 4.282



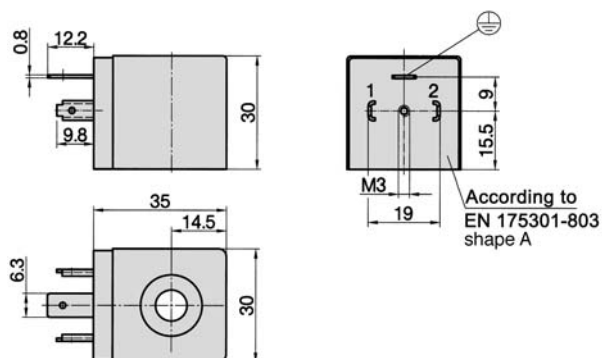
Standard actuator
23-R-013

Accessories for electrically operated valves

Solenoid coils and plug sockets



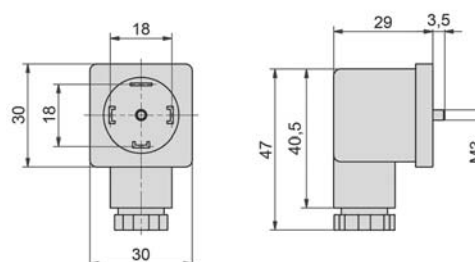
Solenoid coils with connection pattern pursuant to DIN EN 175301-803 Shape A



Order number	23-SP-016-712	23-SP-016-722	23-SP-016-726	23-SP-016-726	23-SP-016-727	23-SP-016-727
Standard voltage	24 V DC	24 V AC	110 V AC	115 V AC	230 V AC	110 V DC
Power consumption DC	4.5 W	–	–	–	–	5.3 W
Power consumption 50 Hz	–	8.0 VA	7.6 VA	8.6 VA	7.9 VA	–
Degree of protection	IP 65 according to EN 60529 with connected plug socket					
Duty cycle	100 %					
Temperature range	– 20 °C ... + 50 °C (– 4 °F ... + 122 °F)					
Voltage tolerance	± 10 %					
Standard for series	MC-07					

Plug sockets pursuant to DIN EN 175301-803 Shape A

(2pol. + PE, 27 x 27 mm, Contact distance 18 mm)



Order number	28-ST-03	28-ST-11-112
Standard voltage	all	24 V DC
Protective circuit	no	yes
Status indicator	without	yes
Degree of protection	IP 65 pursuant to EN 60529 requires a flat gasket	
Connecting cable	without	
Ø Connecting cable	6 – 8 mm	
Max. wire cross section	1,5 mm ²	
for coil	23-SP-016	