

Series ICK-09

Low temperature valves, 5/2- and 5/3-way
G1/8 • 680 to 950 NI/min (0.691 to 0.965 Cv)



Order code

ICK-09-511-HN-F42

Series and function

Coil options¹⁾

Standard coil²⁾

HN at ports 2 + 4 **HN at ports 1, 3 + 5**
F42 24 V DC, 4.2 W **F12**

Without coil and plug socket

HN at ports 2 + 4 **HN at ports 1, 3 + 5**
F70 Power consumption 4.2 W **F00**

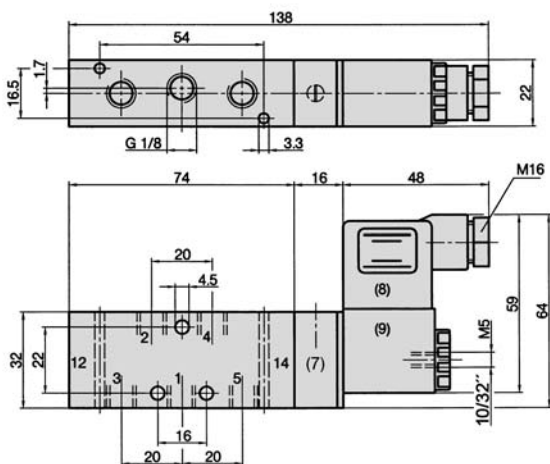
¹⁾ HN = Manual override. It can be repositioned by 180°. Manual override (HN) is on the side of ports 2 and 4 by default. It can be easily repositioned by 180° (side of ports 1, 3 and 5).

²⁾ Plug socket(s) not included in scope of delivery (see page 6.002).

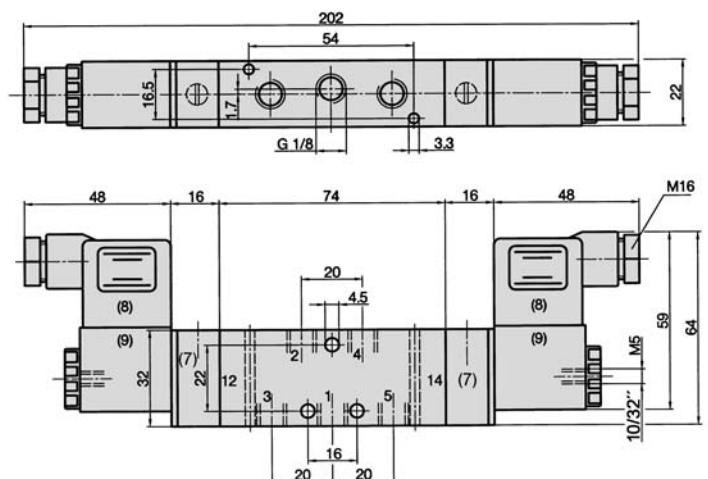
Design, function and technical data

Spool valve actuated by an electrical signal. Please specify required control voltage when ordering.

ICK-09-511-HN



ICK-09-520-HN, ICK-09-530-HN



- 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 180°
- (9) = solenoid coil can be repositioned 4 x 90°

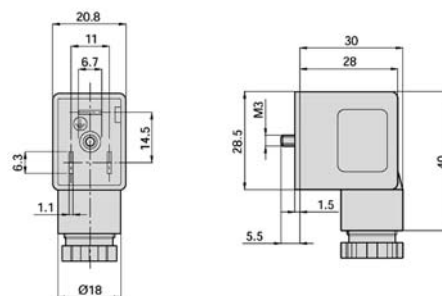
Order number	ICK-09-511-HN	ICK-09-520-HN	ICK-09-530-HN
Please complete according to order code.			
Function	5/2-way single solenoid spring return	5/2-way double solenoid	5/3-way center position closed
Connection	G1/8		
Nominal size	6 mm		
Flow rate	810 NI/min (0.823 Cv)	950 NI/min (0.965 Cv)	680 NI/min (0.691 Cv)
Pressure range	3 ... 8 bar (43.5 ... 116 psi)		
Actuating force at 6 bar	on 13 ms off 28 ms	15 ms	on 14 ms off 16 ms
Temperature range	- 30 °C ... + 80 °C (- 22 °F ... + 176 °F)		
Materials	Body: Al (anodized), Seals: FKM + PU, 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. T _{MEDIUM} = - 30 °C ... + 50 °C (- 22 °F ... + 122 °F)		
Degree of protection	IP 65 according to EN 60529		
Weight	0.231 kg (0.509 lbs)	0.330 kg (0.727 lb)	

Accessories for electrically operated valves

Plug sockets for coil



Plug sockets pursuant to DIN EN 175301-803 Shape B
(2pol. + PE, 21 x 28 mm, Contact distance 11 mm)



Order number	28-ST-01	28-ST-04-112	28-ST-04-127	28-ST-06-112	28-ST-06-127	28-ST-06-K3-112	28-ST-06-K3-127
Standard voltage	all	24 V DC	230 V AC	24 V DC	230 V AC	24 V DC	230 V AC
Protective circuit	no	no	no	yes	yes	yes	yes
Status indicator	without	yes	yes	yes	yes	yes	yes
Degree of protection	IP 65 pursuant to EN 60529 requires a flat gasket						
Connecting cable	without					3 m	3m
Ø Connecting cable	6 – 8 mm					–	–
Max. wire cross section	1,5 mm ²					–	–
for coil	23-SP-011, 23-SP-011-1						

4