

GENERAL

Fluid

Air or neutral gas, non-lubricated, filtered at 25 µm

Operating pressure

2 to 8 bar

Ambient temperature

+5°C to +50°C

Flow (Qv at 6 bar)

See "specifications"

Manual override

Impulse-type and maintained

CONSTRUCTION

Body

Light alloy, PA (polyamide)

Internal parts

Light alloy, brass, stainless steel

Seals

NBR (nitrile)

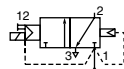
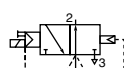
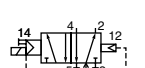
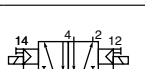
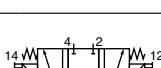
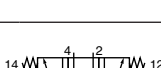


ELECTRICAL CHARACTERISTICS

voltage (other voltages on request)	consumption	insulation class	protection degree	electrical connection
24V = 12V = 5V =	1 W	F	IP 40	connector with two 0.5 mm ² lead wires + built-in LED and electrical protection or cable ends, 0.5 m long

The solenoid valves are designed for continuous operation within the maximum ambient temperature limits.

SPECIFICATIONS

function symbol		operators pilot (14) solenoid air operated return (12)	flow		response time (ms)		consumption	type of electrical connection (*)	catalogue number (1)
			at 6 bar l/min (ANR)	coeff. Kv	ener- gized	de-ener- gized	(W)		
3/2	NC 	differential return	100	1,43	9	25	1,3	1	51801002
		2						51801150	
		3						51801151	
	NO 	differential return			9	25	1,3	4	51801152
		5						51801153	
		1						51801004	
5/2		differential return	100	1,43	9	25	1,3	2	51801154
		3						51801155	
		4						51801156	
		solenoid air operated return			6	-	1,3	5	51801157
		1						51801021	
		2						51801158	
5/3		pressure held W1	80	1,15	8	15	1,3	3	51801159
		4						51801160	
		5						51801161	
		pressure release W3			8	15	1,3	1	51801023
		2						51801162	
		3						51801163	
								4	51801164
								5	51801165
								1	51801031
								2	51801166
								3	51801167
								4	51801168
								5	51801169
								1	51801033
								2	51801170
								3	51801171
								4	51801172
								5	51801173

Архангельск (8182)63-90-72

Астана (7172)727-132

Астрахань (8512)99-46-04

Барнаул (3852)73-04-60

Белгород (4722)40-23-64

Брянск (4832)59-03-52

Владивосток (423)249-28-31

Волгоград (844)278-03-48

Вологда (8172)26-41-59

Воронеж (473)204-51-73

Екатеринбург (343)384-55-89

Иваново (4932)77-34-06

Ижевск (3412)26-03-58

Казань (843)206-01-48

Калининград (4012)72-03-81

Калуга (4842)92-23-67

Кемерово (3842)65-04-62

Киров (8332)68-02-04

Краснодар (861)203-40-90

Красноярск (391)204-63-61

Курск (4712)77-13-04

Липецк (4742)52-20-81

Магнитогорск (3519)55-03-13

Москва (495)268-04-70

Мурманск (8152)59-64-93

Набережные Челны (8552)20-53-41

Нижний Новгород (831)429-08-12

Новокузнецк (3843)20-46-81

Новосибирск (383)227-86-73

Омск (3812)21-46-40

Орел (4862)44-53-42

Оренбург (3532)37-68-04

Пенза (8412)22-31-16

Пермь (342)205-81-47

Ростов-на-Дону (863)308-18-15

Рязань (4912)46-61-64

Самара (846)206-03-16

Санкт-Петербург (812)309-46-40

Саратов (845)249-38-78

Севастополь (8692)22-31-93

Симферополь (3652)67-13-56

Смоленск (4812)29-41-54

Сочи (862)225-72-31

Ставрополь (8652)20-65-13

Сургут (3462)77-98-35

Тверь (4822)63-31-35

Томск (3822)98-41-53

Тула (4872)74-02-29

Тюмень (3452)66-21-18

Ульяновск (8422)24-23-59

Уфа (347)229-48-12

Хабаровск (4212)92-98-04

Челябинск (351)202-03-61

Череповец (8202)49-02-64

Ярославль (4852)69-52-93

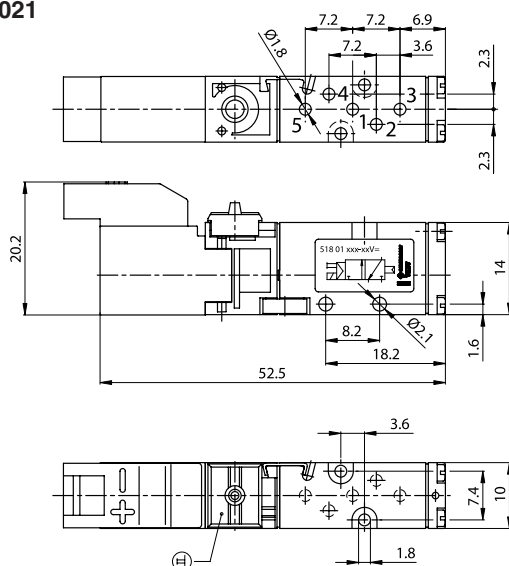
DIMENSIONS (mm), WEIGHT (kg)

MICRO SPOOL-VALVES 3/2 - 5/2

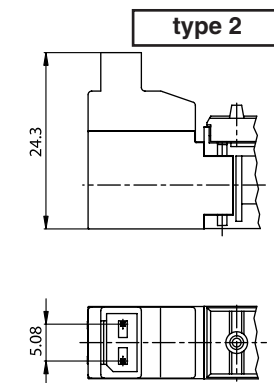
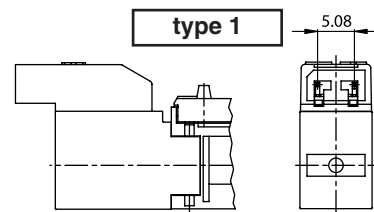
cat.no. 51801002, 51801004, 51801021

weight	
spool-valve	1 connector
0,023	0,005

1 = pressure
2,4 = outlets
3,5 = exhausts



ELECTRICAL CONNECTION

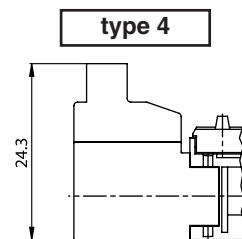
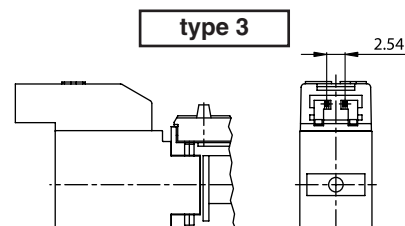
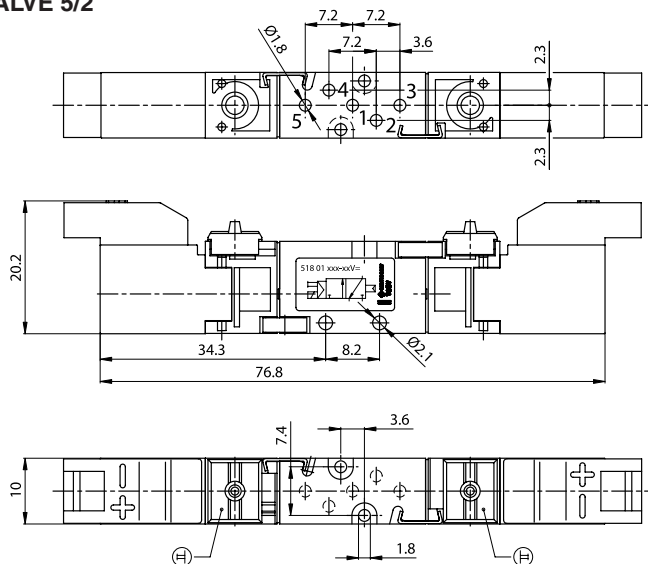


IMPULSE MICRO SPOOL-VALVE 5/2

cat.no. 51801023

weight	
spool-valve	2 connectors
0,037	0,010

1 = pressure
2,4 = outlets
3,5 = exhausts

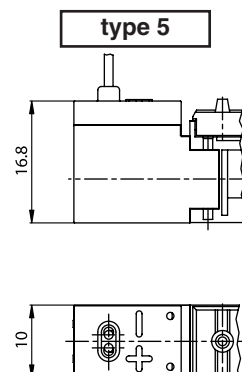
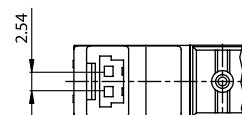
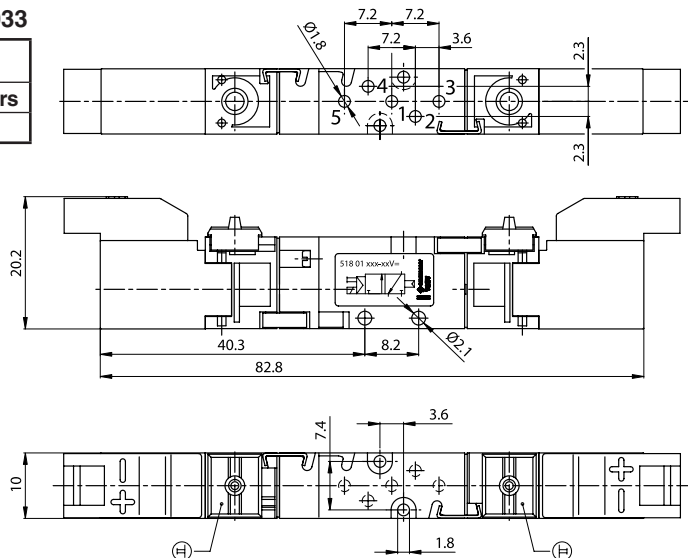


MICRO SPOOL-VALVES 5/3

cat.no. 51801031, 51801033

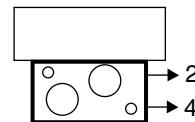
weight	
spool-valve	2 connectors
0,040	0,010

1 = pressure
2,4 = outlets
3,5 = exhausts



SUBBASES

for solenoid air operated spool valves
with subbase-mounted body,
Ø M5 side ports



Series
355
Type
Micro 10

CONSTRUCTION

Utilization connector (2-4)

ØM5 (on sides)

Material

Light alloy

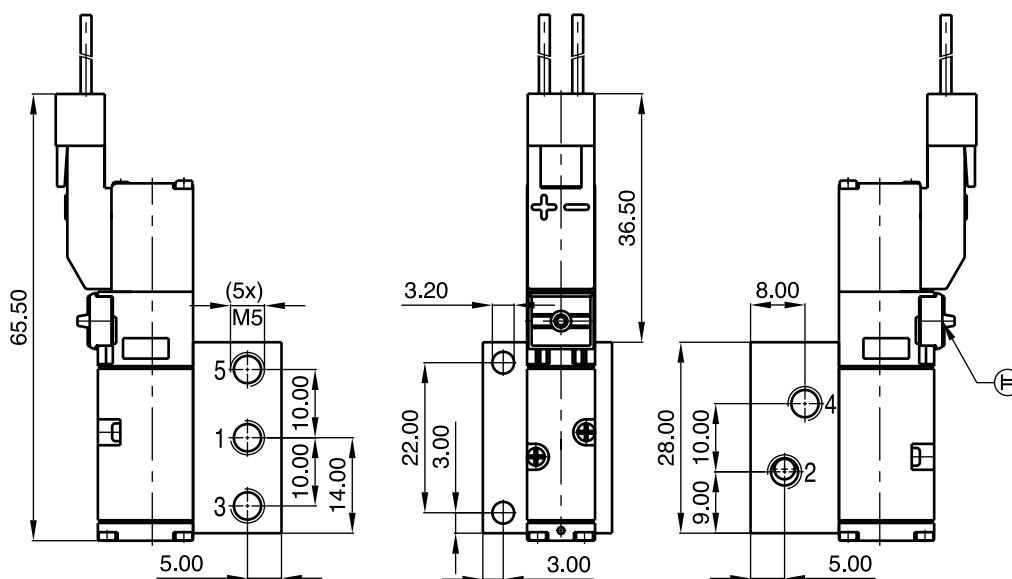
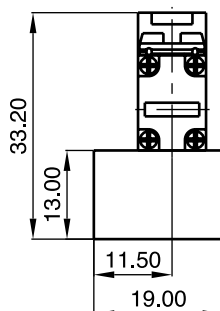
SUBBASES IDENTIFICATION - WEIGHT (kg)

subbase type	no. of spool valves	subbase code	subbase weight	port connection				
				1	3	5	2-4	82-84
single subbase	1	35500251	0,016	M5	M5	M5	M5	M3
multiple subbases	2	35500252	0,092	G 1/8	-	G 1/8	M5	M5
	3	35500253	0,120					
	4	35500254	0,142					
	5	35500255	0,165					
	6	35500256	0,190					
	7	35500257	0,213					
	8	35500258	0,236					
	9	35500259	0,260					
	10	35500260	0,284					

Blanking plate: cat.no. 88135533

DIMENSIONS (mm)

3/2 - 5/2 - 5/3 SPOOL-VALVES ON SIMPLE SUBBASE (cat.no. 35500251)



Solenoid operated micro spool valves subbase

Technical drawing of the 1000 Series Power Distribution Block, showing front, side, and top views with dimensions.

Front View (Left): Shows the main body with two mounting tabs labeled (I) and (II). Dimensions include a total width of 13.00, a mounting tab width of 8.00, and a central hole diameter of 5. A distance of 14.50 is shown from the center of the hole to the right edge, and 14.50 from the center to the left edge. A total height of 38.00 is indicated.

Side View (Top): Shows the profile of the block. Dimensions include a total height of 43.80, a mounting tab height of 7.60, and a central hole diameter of 5. A distance of 14.40 is shown from the center of the hole to the right edge, and 21.50 from the center to the left edge. A total width of 38.00 is indicated.

Top View (Right): Shows the top of the block with four columns of terminals. Dimensions include a total width of 49.80, a mounting tab width of 7.50, and a central hole diameter of 5. A distance of 14.40 is shown from the center of the hole to the right edge, and 21.50 from the center to the left edge. A total height of 38.00 is indicated. The top view also shows the internal wiring connections and the location of the mounting tabs (I) and (II).

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