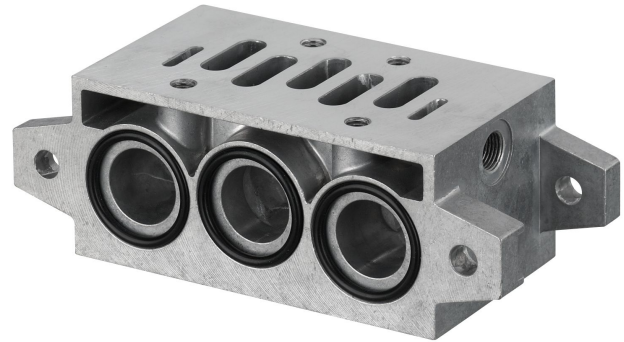




Technical data

Industry

Industrial

Type

Base plate

Direction of pneumatic port (1)

On the side

Direction of pneumatic port (2,4)

Down

Compressed air connection output

G 3/4

Direction of pneumatic port (3,5)

On the side

Exhaust type

Ports separated

Exhaust (3,5)

With directional exhaust (3/5)

Direction of pneumatic port (12)

On the side

Compressed air connection 12

G 1/8

Direction of pneumatic port (14)

On the side

Compressed air connection 14

G 1/8

Pilot control exhaust

With collective pilot air exhaust

Frame size

ISO 4

Standards

ISO 5599-1

Min. working pressure

-0.95 bar

Max. working pressure

10 bar

Min. ambient temperature

-25 °C

Base plate, ports 2 and 4 on bottom

2024-08-15

8985041422

Max. ambient temperature	70 °C
Min. medium temperature	-25 °C
Max. medium temperature	70 °C
Medium	Compressed air

Max. number of valve positions	1
Grid dimension	82 mm
Weight	1.37 kg

Material

Material base plate	Die-cast aluminum
Seal material	Acrylonitrile butadiene rubber
Part No.	8985041422

Technical information

The min. control pressure must be adhered to, since otherwise faulty switching and valve failure may result!

The pressure dew point must be at least 15 °C less than ambient and medium temperature and may not exceed 3 °C.

The oil content of compressed air must remain constant during the life cycle.

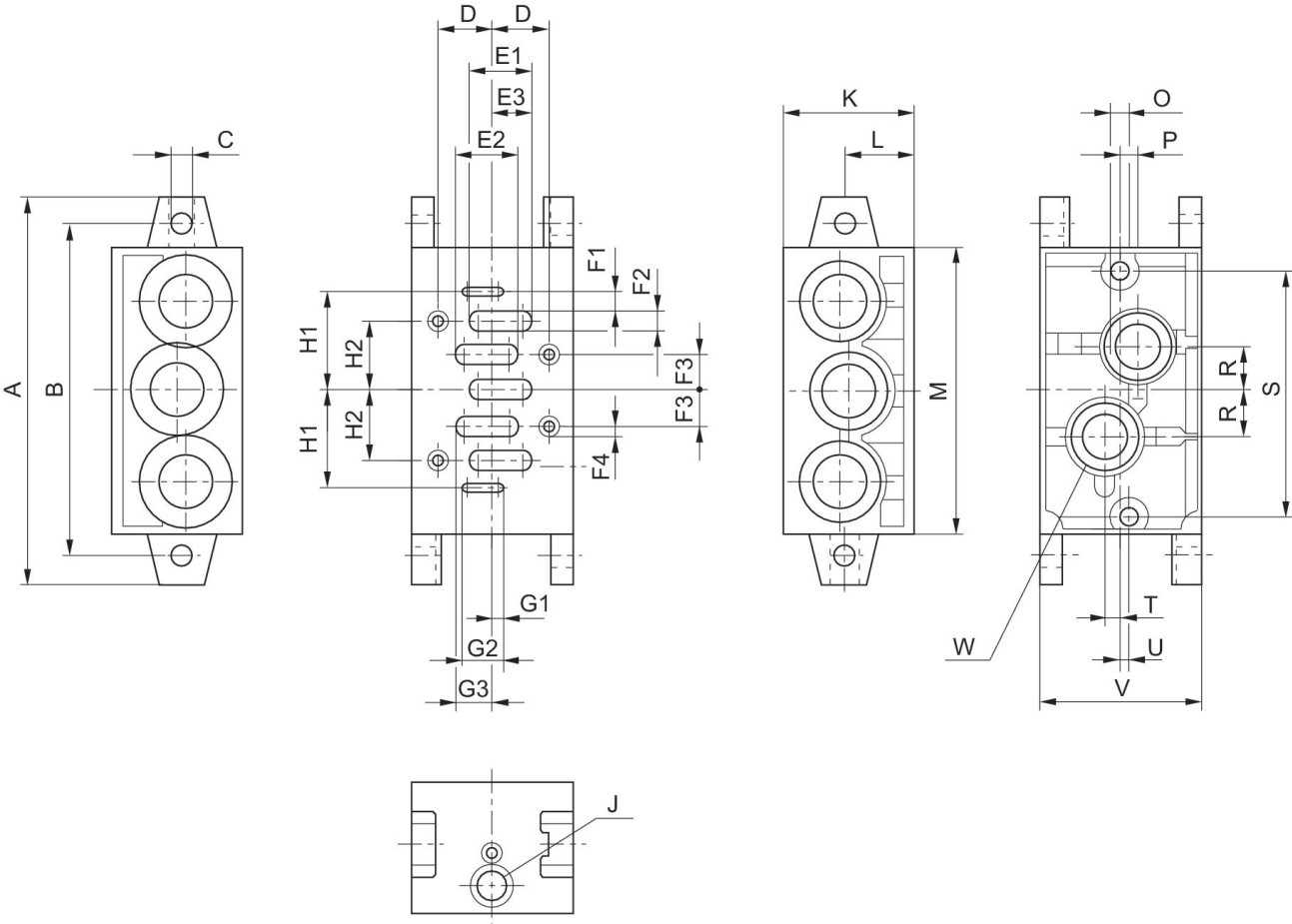
Use only the approved oils from AVENTICS. Further information can be found in the "Technical information" document (available in <https://www.emerson.com/en-us/support>).

Base plate, ports 2 and 4 on bottom

8985041422

2024-08-15

Dimensions



Part No.	A	B	C	D	E1	E2	E3	F1	F2
1825503144	110	95	5,5	14	16,5	16,5	11,25	3	4,5
1825503147	135	115	6,6	19	22	22	13,5	3	7
1825503150	190	168	9	24	29	29	16,5	4	10

F3	F4	G1	G2	G3	H1	H2	J	K	L
9	M5	3	13,5	11,25	26,5	18	G 1/8	44	22
12	M6	3	14,5	13,5	34	24	G 1/8	45	24
16	M8	4	17,5	16,5	45	32	G 1/8	54	25

M	O	P	R	S	T	U	V	W
85	M5	7,5	13	71	1,5	3	43	G 1/4
100	M6	6	15	86	5	3	56	G 3/8
140	M8	8	19	130	6	3	71	G 1/2