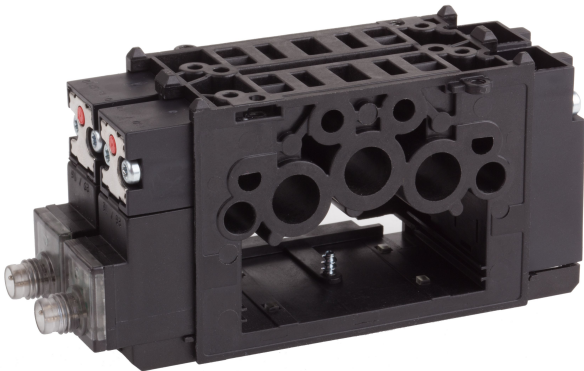




Technical data

Industry	Industrial
Type	Base plate
For series	ES05
Type	Double Solenoid
Delivery unit	1 piece
Scope of delivery	Base plate 2x, incl. 1 seal
Min. working pressure	0 bar
Max. working pressure	8 bar
Min. control pressure	3 bar
Max. control pressure	8 bar
Min. ambient temperature	5 °C
Max. ambient temperature	50 °C
Min. medium temperature	5 °C
Max. medium temperature	50 °C
Medium	Compressed air
Max. particle size	40 µm
Min. oil content of compressed air	0 mg/m³
Max. oil content of compressed air	25 mg/m³

electr. connection	M8x1 (3-pin)
Tightening torque for mounting screws	0.9 Nm

Material

Housing material	Polyamide fiber-glass reinforced
Seal material	Nitrile butadiene rubber
Part No.	R422103849

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>).

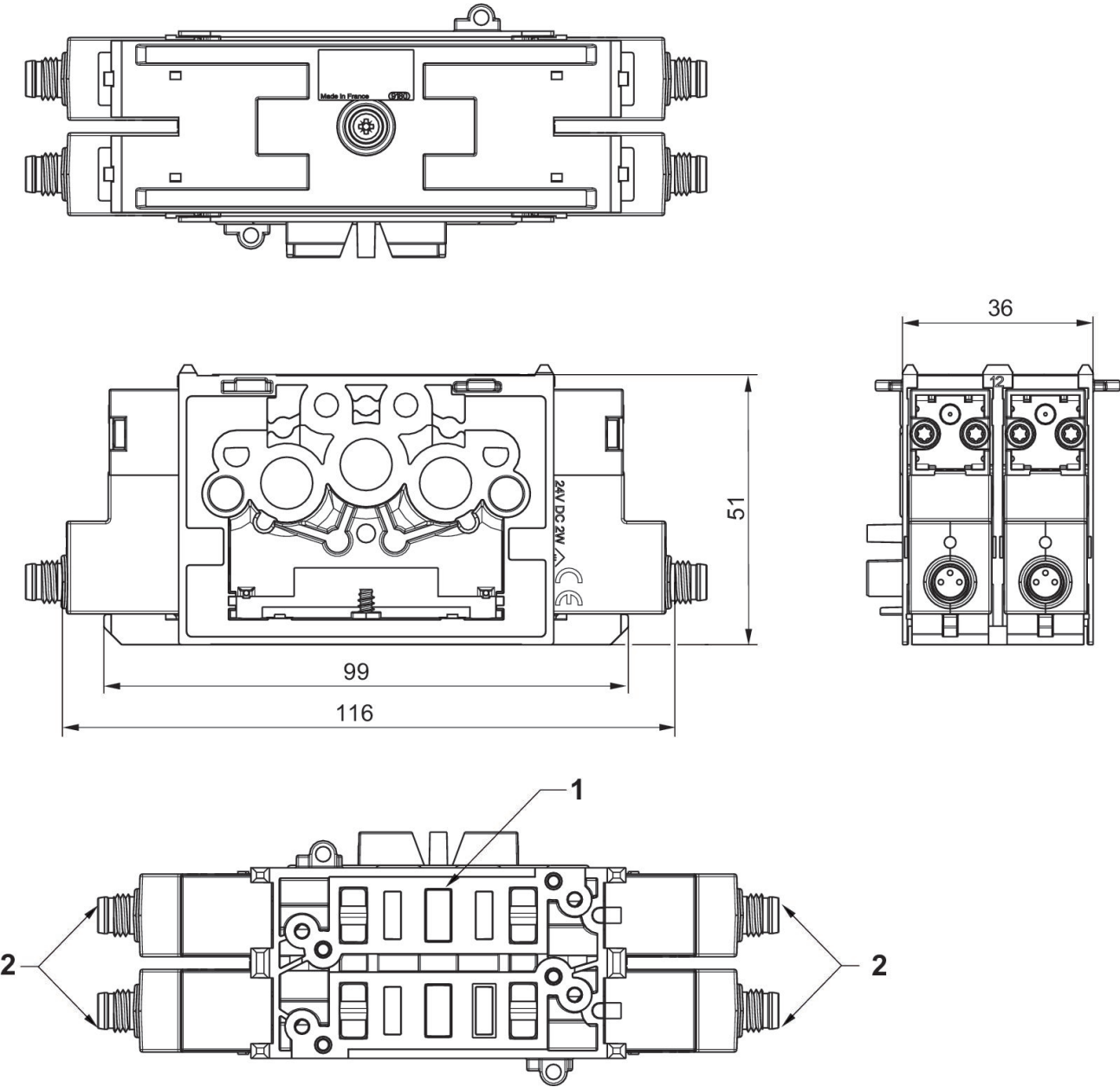
Dimensions

Base plate, Series ES05

R422103849

2024-08-07

Fig. 2



- 1) Place for 2 valves
- 2) 4 pilot valves M8x1

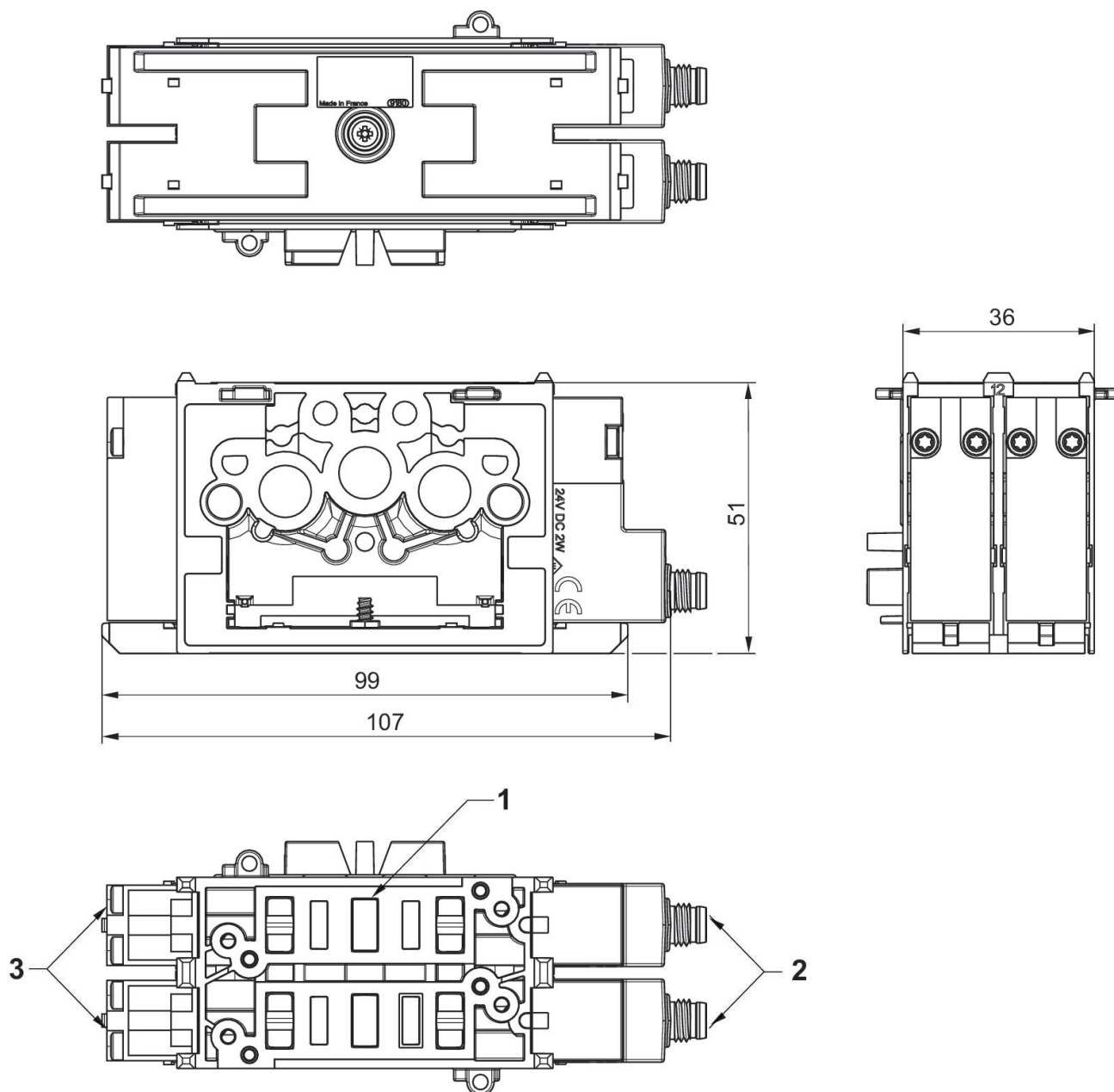
Dimensions

Base plate, Series ES05

2024-08-07

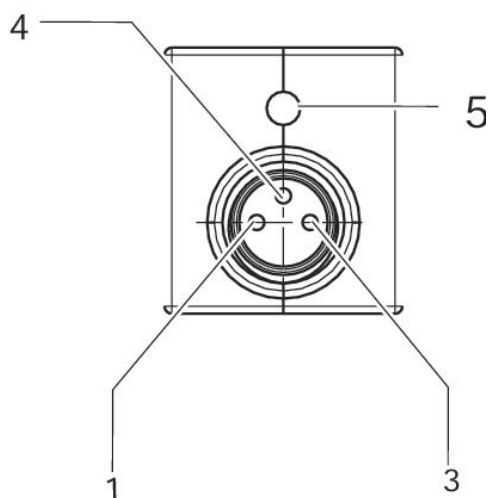
R422103849

Fig. 1



- 1) Place for 2 valves
 - 2) 2 pilot valves M8x1
 - 3) Pilot blanking plate
- Only for single solenoid 5/2 direction valve function

PIN assignment for valve plug connectors



Pin assignment (1) Pin not assigned (3) 0 V (4) 24 V (5) LED Note: Bipolar protective circuit to prevent overvoltage