

MZL100

electropneumatic coating valve



Zator
gluing solutions

DATASHEET





TECHNICAL DESCRIPTION

The *electropneumatic coating valve MZL100* has been designed and realized for its use on various kind of production machines: its design and versatility make it ideal for any applications that require the use of coating valves.

It's a dispenser of low, medium and high viscosity glues, adhesives and fluids with solenoid valve, micrometric adjustment and drive with double action piston.

Valve body with anti-stick coating, tungsten carbide needle and stainless steel coating head. The micrometric adjustment allows a fine control of the glue quantity.

APPLICATION FIELDS

packaging
paper converting
case maker
wood industry
assembly
food industry

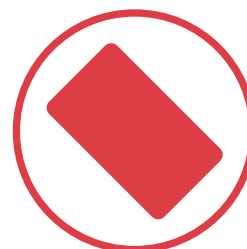
FLUID TYPES

adhesives and glues
inks
paints
lubricants
low, medium and high viscosity fluids

TECHNICAL DATA

technical data

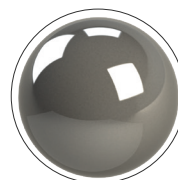
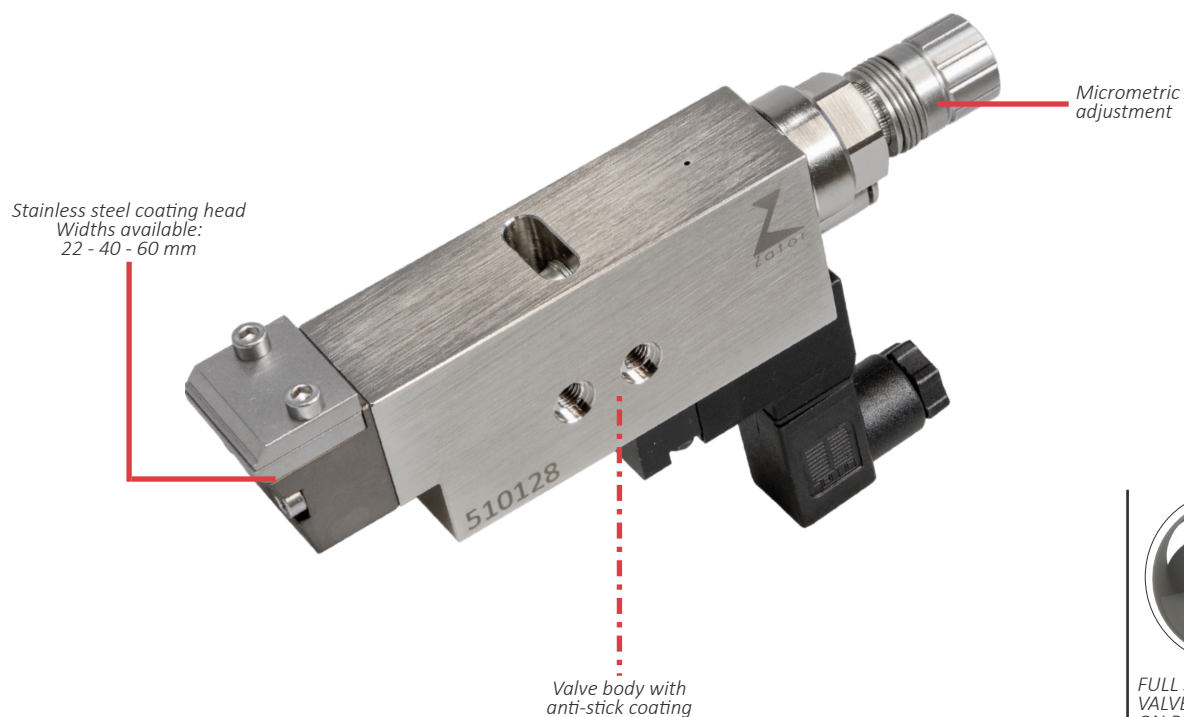
Available coating widths	16 - 30- 50 mm
Coating head widths	22- 40- 60 mm
Air pressure control	min. 5 bar
Drive type	double action
Maximum working pressure	80 bar
Coil	24 Volt
Weight	520 g



Coating



ELECTROPNEUMATIC VALVE MK1



FULL STAINLESS STEEL
VALVE AVAILABLE
ON REQUEST

MODELS

code	description	€
C34740816	Coating valve MZL122RM coating width 16 mm - 24 Volt	
C34740830	Coating valve MZL140RM coating width 30 mm - 24 Volt	
C34740850	Coating valve MZL160RM coating width 50 mm - 24 Volt	



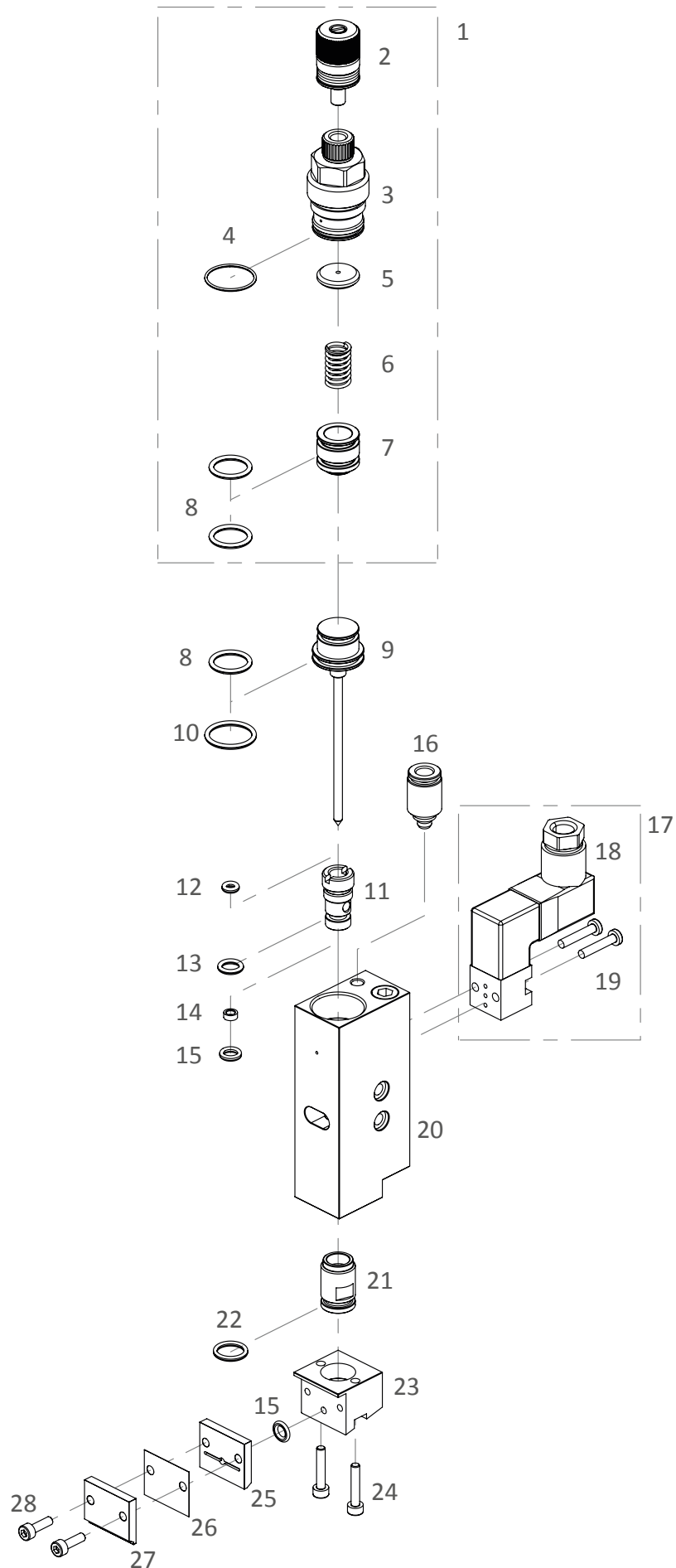


PARTS LIST

pos.	code	q.ty	description
1	C34000001	1	Micrometric adjustment complete
2	C34000004	1	Micrometric adjustment knob
3	C34000002	1	Micrometric adjustment block
4	RNG150X10E	1	O-ring ¹
5	H83100108	1	Adjustment circlip
6	CCS000400	1	Spring
7	H83100109	1	Adjustment piston
8	RNG000013E	3	O-ring ¹
9	H84130103	1	Needle KV
10	RNG000015E	1	O-ring ¹
11	H83100104	1	Lock bush
12	RNG000006E	1	O-ring ¹
13	RNG000010E	1	O-ring ¹
14	SHS30790T	1	Gasket ¹
15	RNG000008E	2	O-ring ¹
16	RRAZ0252	1	Operating air fitting
17	ELT000321	1	Solenoid valve complete 24VDC
18	CNN200F01	1	Solenoid valve connector
19	SC11030161	2	Solenoid valve screw
20	C34700002	1	Valve body
21	H85600101	1	Coating nozzle
22	RNG000011E	1	O-ring ¹
23	SRH000005	1	Coating head
24	SC00030161	2	Screw
25	CPP000095	1	Lower coating plate 22 mm Usable width 16 mm
	CPP000098	1	Lower coating plate 40 mm Usable width 30 mm
	CPP000101	1	Lower coating plate 60 mm Usable width 50 mm
26	CTM0XX100	1	Blind mask thickness 0,1 mm
	CTM0XX200	1	Blind mask thickness 0,2mm
	CTM0XX300	1	Blind mask thickness 0,3 mm
<i>Replace XX value with mask width desired Available width 22 - 40 - 60 mm</i>			
27	CPP000096	1	Upper coating plate 22 mm Usable width 16 mm
	CPP000099	1	Upper coating plate 40 mm Usable width 30 mm
	CPP000102	1	Upper coating plate 60 mm Usable width 50 mm
28	SC00030101	2	Screw
25 + 27	CPP000094	1	Coating head complete 22 mm
	CPP000097	1	Coating head complete 40 mm
	CPP000100	1	Coating head complete 60 mm
	KGNO00650	1	Gasket kit ¹



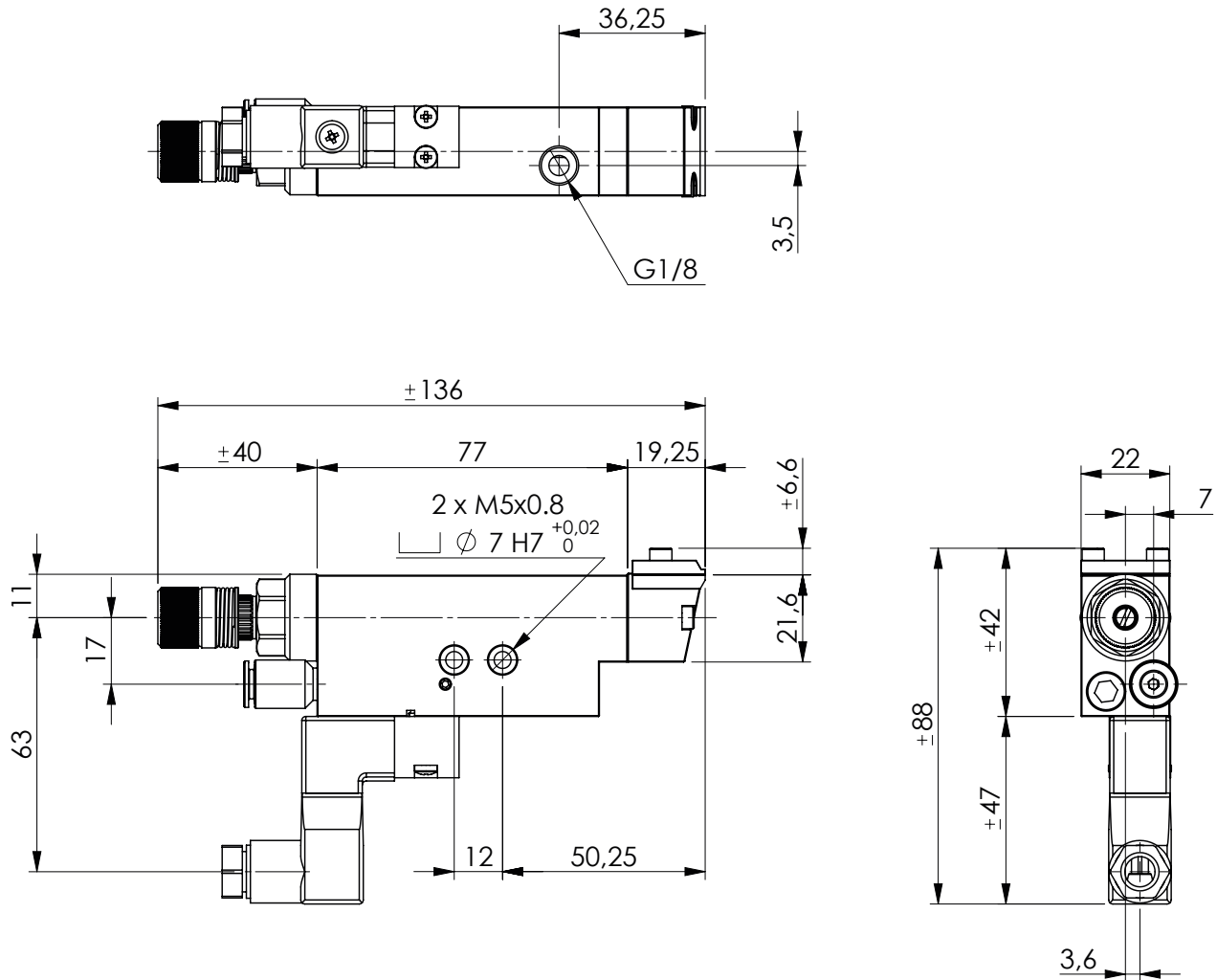
ELECTROPNEUMATIC VALVE MK1



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DIMENSIONS

C347408XX



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The data and values expressed in the manual are approximate and variable depending on fluids, applications and methods of use.

Datasheet
MZL100_v02

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