

MZK

electropneumatic valve



Zator
gluing solutions

DATASHEET





TECHNICAL DESCRIPTION

The electropneumatic extrusion valve MZK 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 extrusion valves.

It's a dispenser of low and medium viscosity glues, adhesives and fluids. The valve is pneumatically controlled by one solenoid valve fitted on the valve body. The valve, with anti-stick coating, has a carbide needle and a wide selection of stainless steel nozzles, designed to meet the different needs of applications.

The micrometric adjustment allows a fine control of the glue quantity dispensed.

APPLICATION FIELDS

	packaging
	paper converting
	case maker
	wood industry
	assembly
	food industry

FLUID TYPES

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

TECHNICAL DATA

technical data

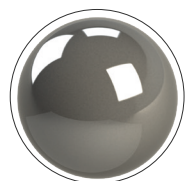
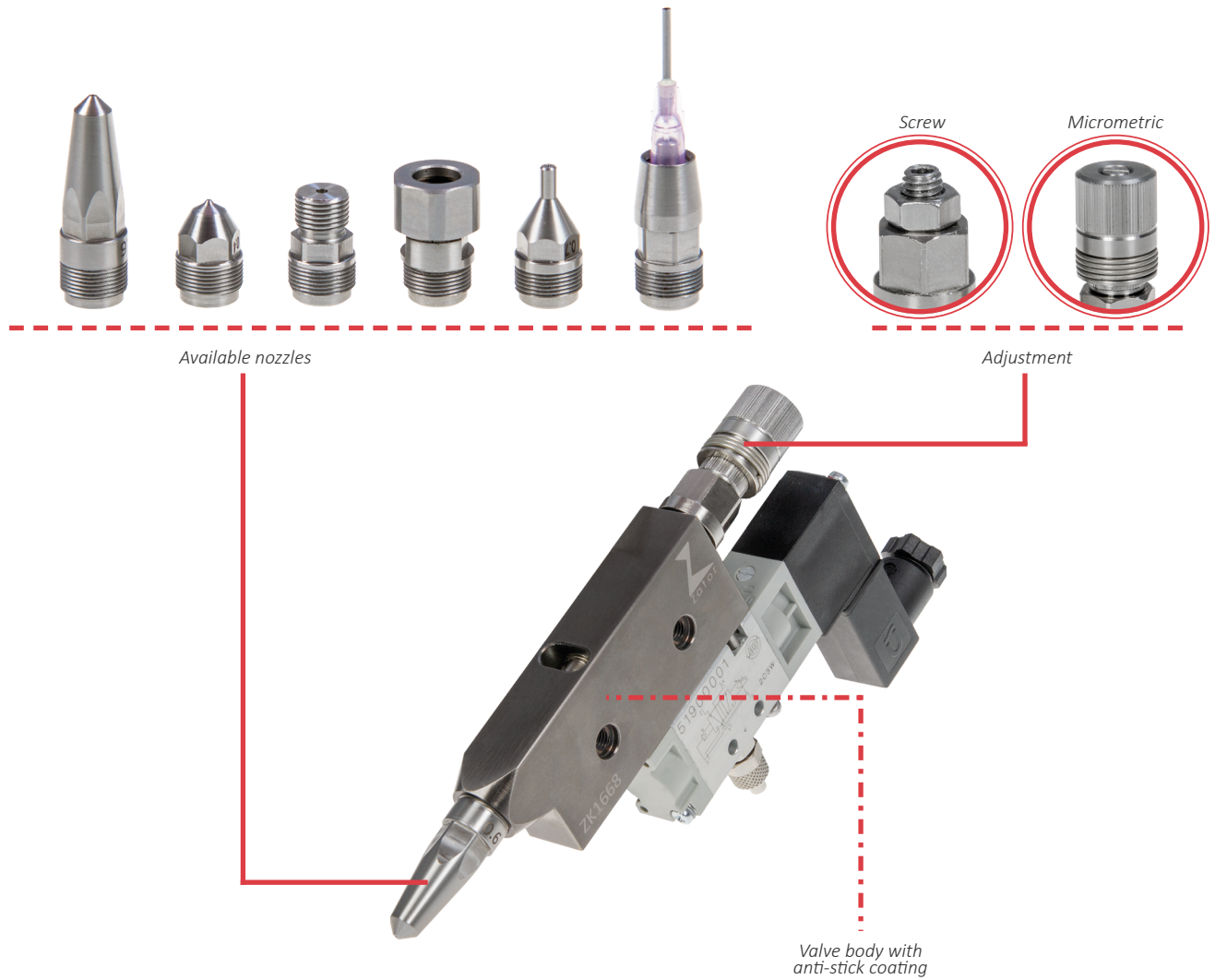
Available nozzle diameters	from 0,3 to 1,5 mm
Air pressure control	min. 5 bar
Drive type	double action
Maximum working pressure	80 bar
Maximum working frequency	20 dots/sec.
Coil	24 Volt
Weight	330 g



Dots and lines



ELECTROPNEUMATIC VALVE MZK



FULL STAINLESS STEEL
VALVE AVAILABLE
ON REQUEST



MODELS

code	description	€
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C3251XX00 Extrusion valve
MZK4XXKVNR 24 Volt

*Replace XX value with nozzle diameter desired
Available nozzle diameters from 0,3 to 1,5 mm*

code	description	€
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C3261XX00 Extrusion valve
MZK4XXKVRM 24 Volt

*Replace XX value with nozzle diameter desired
Available nozzle diameters from 0,3 to 1,5 mm*

code	description	€
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C3254XX00 Extrusion valve
MZK4XXLVNR 24 Volt

*Replace XX value with nozzle diameter desired
Available nozzle diameters from 0,3 to 1,5 mm*

code	description	€
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C3264XX00 Extrusion valve
MZK4XXLVRM 24 Volt

*Replace XX value with nozzle diameter desired
Available nozzle diameters from 0,3 to 1,5 mm*

code	description	€
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C3251XX01 Extrusion valve
MZK4XXKLNR 7 mm 24 Volt

C3251XX02 Extrusion valve
MZK4XXKLNR 10 mm 24 Volt

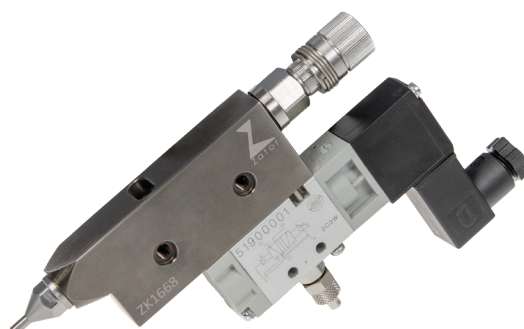
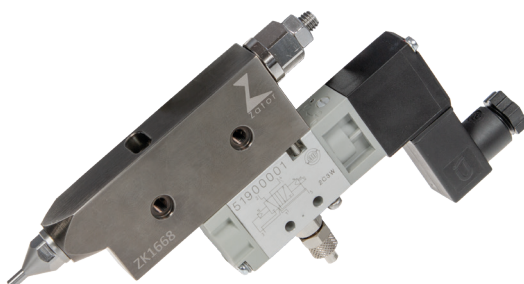
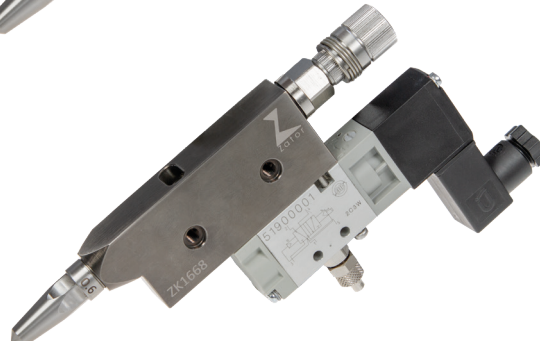
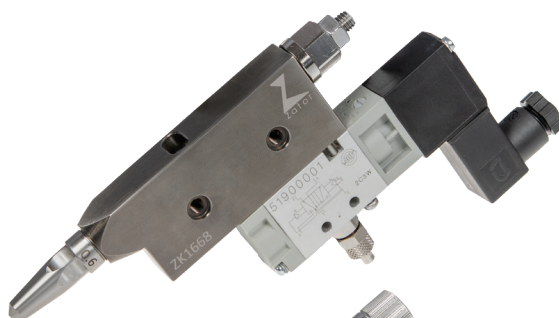
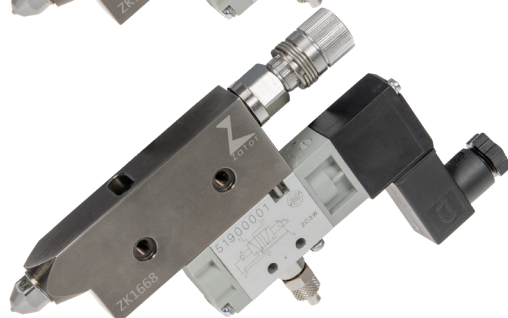
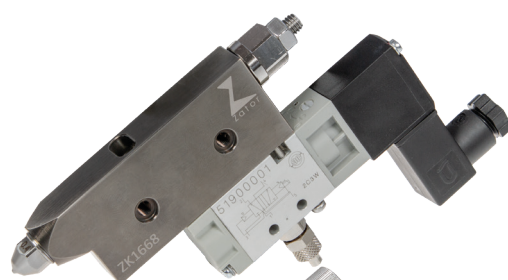
*Replace XX value with nozzle diameter desired
Available nozzle diameters from 0,5 to 1,5 mm*

code	description	€
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C3261XX01 Extrusion valve
MZK4XXKLRM 7 mm 24 Volt

C3261XX02 Extrusion valve
MZK4XXKLRM 10 mm 24 Volt

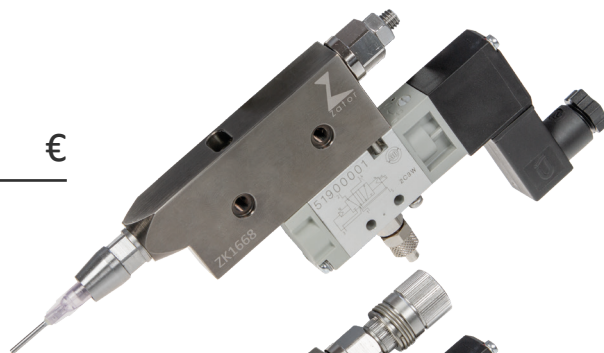
*Replace XX value with nozzle diameter desired
Available nozzle diameters from 0,5 to 1,5 mm*





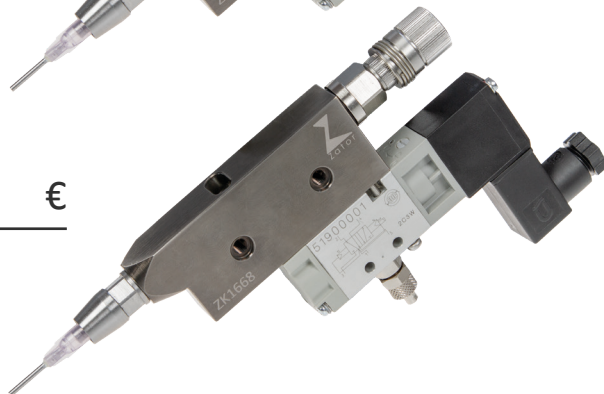
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C32510005	Extrusion valve MZK400SYNR 24 Volt	
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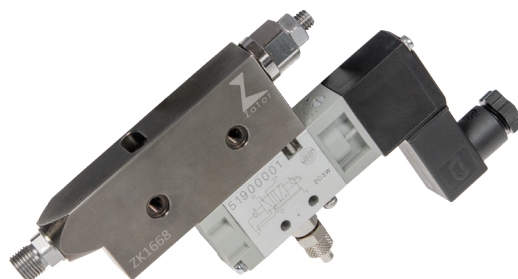
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C32610005	Extrusion valve MZK400SYRM 24 Volt	
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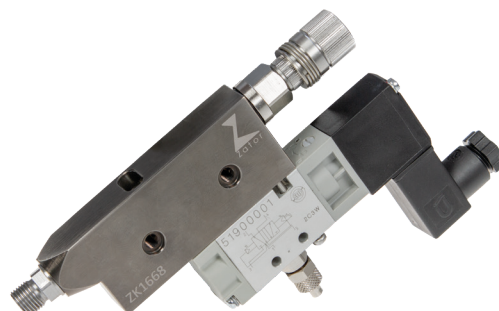
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C32510018	Extrusion valve MZK40018NR 24 Volt	
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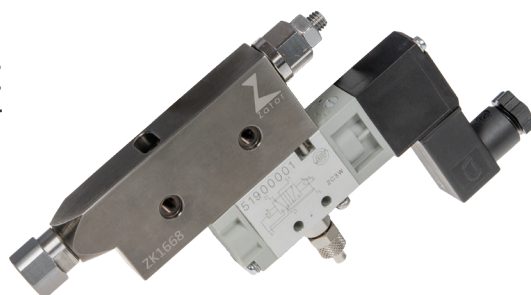
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C32610018	Extrusion valve MZK40018RM 24 Volt	
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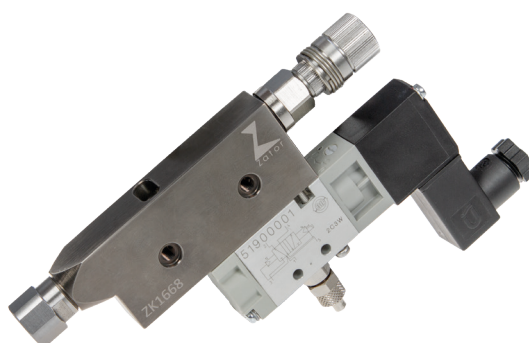
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C32510006	Extrusion valve MZK400MGNR 24 Volt	
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code	description	€
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C32610006	Extrusion valve MZK400MGRM 24 Volt	
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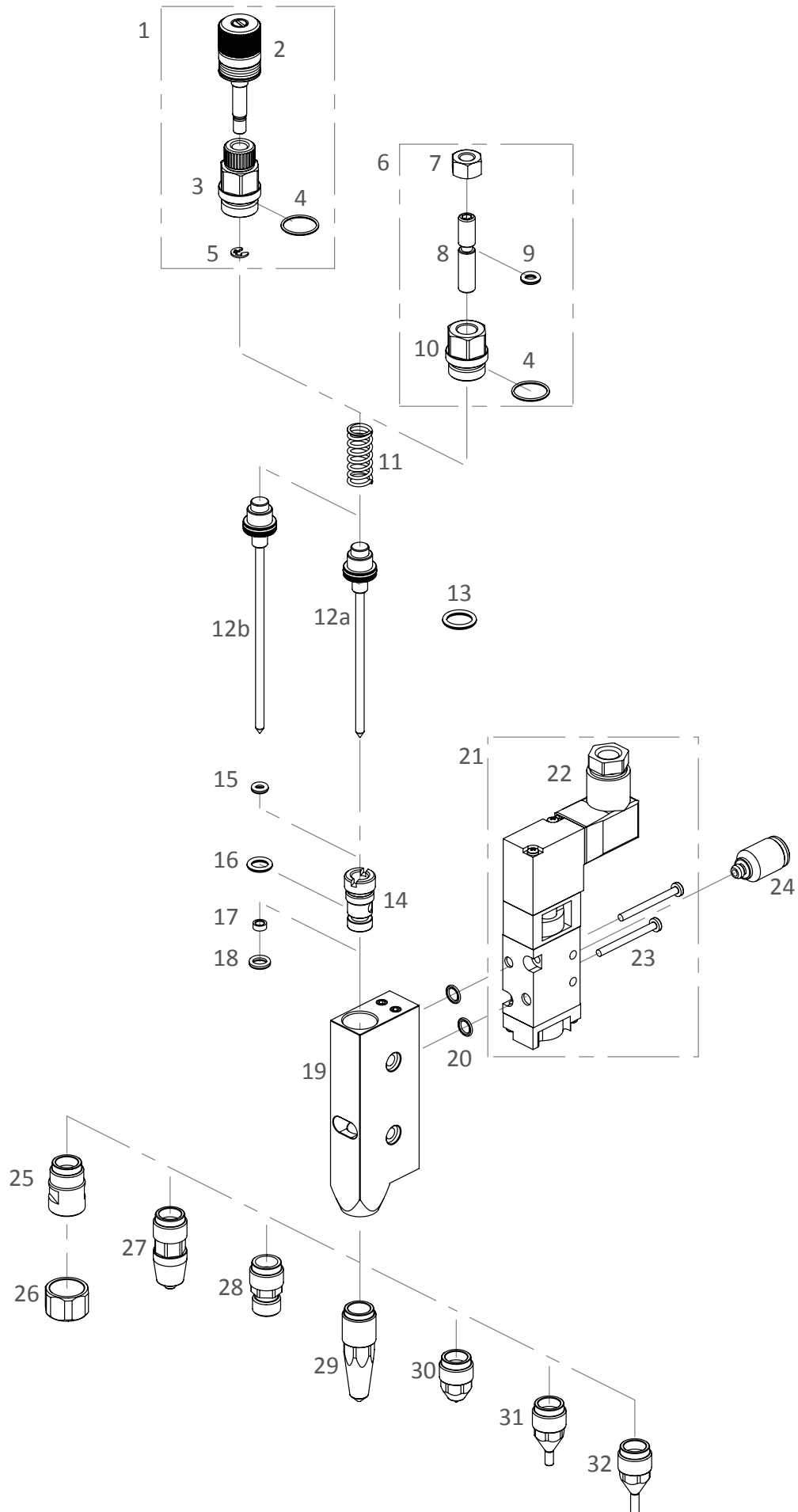


PARTS LIST

pos.	code	q.ty	description
1	C32500007	1	Micrometric adjustment complete
2	C32500008	1	Micrometric adjustment knob
3	C32500009	1	Micrometric adjustment block
4	RNG100X10E	1	O-ring ¹
5	SGG200321	1	Adjustment circlip
6	C32500002	1	Screw adjustment complete
7	NT0006010	1	Nut
8	C32500003	1	Screw
9	RNG000007E	1	O-ring ¹
10	C32500004	1	Screw adjustment block
11	CCS000400	1	Spring
12a	H84230103	1	Needle KV
12b	H84230203	1	Needle LV
13	RNG000011E	1	O-ring ¹
14	H83100104	1	Lock bush
15	RNG000006E	1	O-ring ¹
16	RNG000010E	1	O-ring ¹
17	SHS30790T	1	Gasket ¹
18	RNG000008E	1	O-ring ¹
19	BG000051C	1	Valve body
20	RNG050X10E	2	O-ring ¹
21	ELT000330	1	Solenoid valve 24VDC
22	CNN200F01	1	Solenoid valve connector
23	SC11250281	2	Solenoid valve screw
24	RRAZ0252	1	Fitting air
25	H85800101	1	Nozzle MG
26	H85800204	1	Nozzle MG nut
27	H85100150	1	Nozzle syrin
28	H85100180	1	Nozzle 1/8"
29	H853100XX	1	Nozzle LV
30	H855100XX	1	Nozzle KV
<i>Replace XX value with nozzle diameter desired Available nozzle diameters from 0,3 to 1,5 mm</i>			
31	H855101XX	1	Nozzle KL 7 mm
32	H855102XX	1	Nozzle KL 10 mm
<i>Replace XX value with nozzle diameter desired Available nozzle diameters from 0,5 to 1,5 mm</i>			
	KGN000411	1	Gasket kit ¹
	KGN000410	1	Gasket kit viton ¹



ELECTROPNEUMATIC VALVE MZK

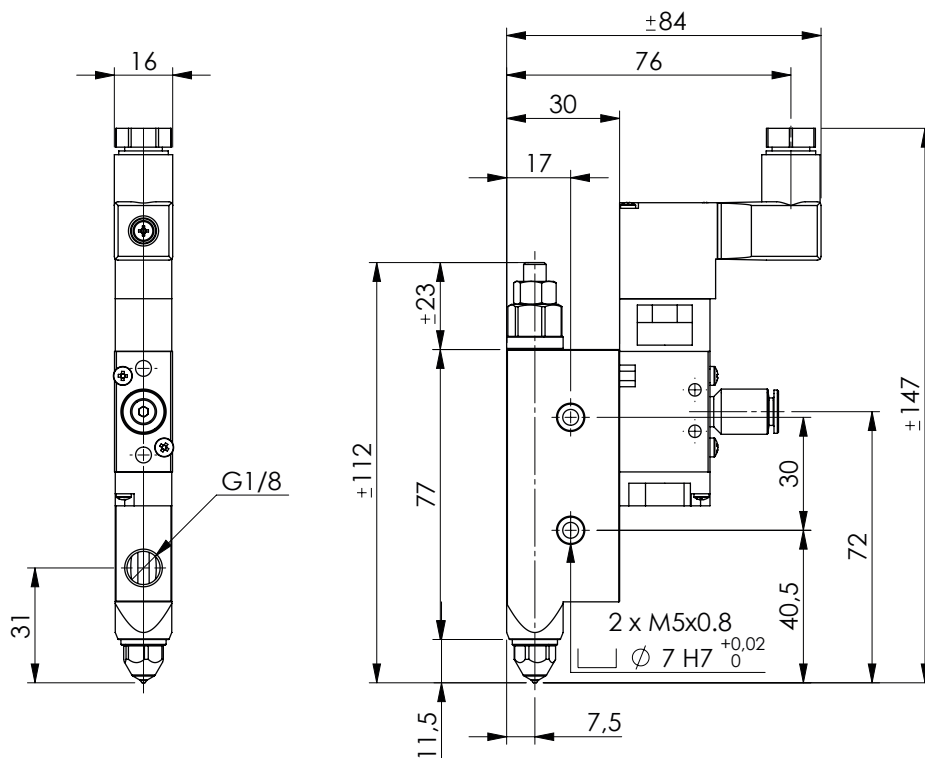


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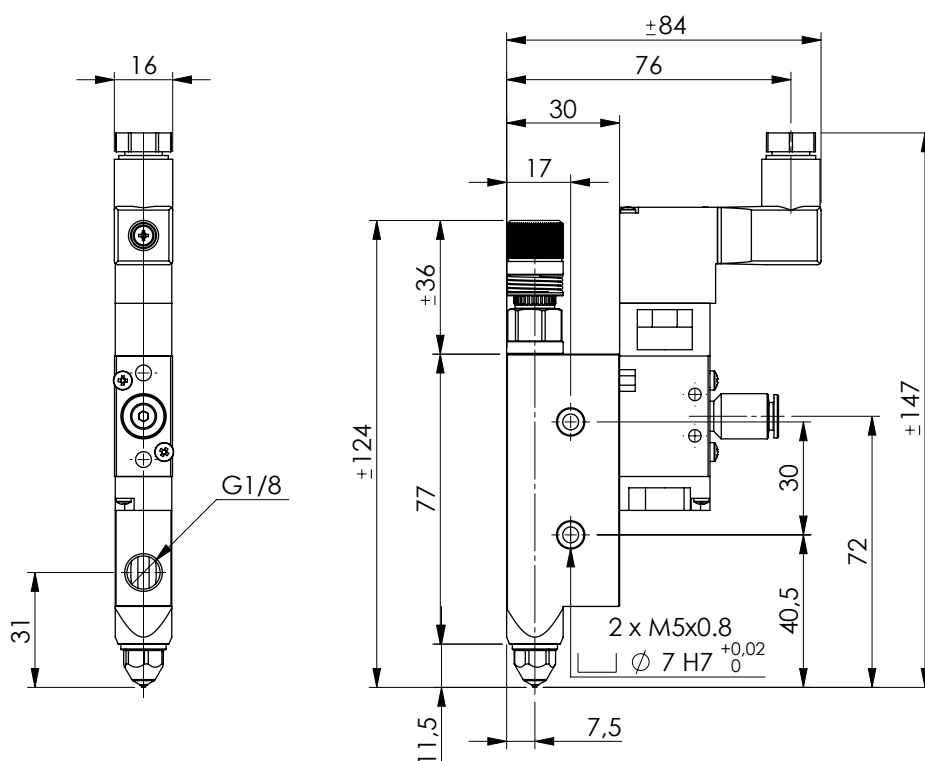


DIMENSIONS

MZK4XXKVNR

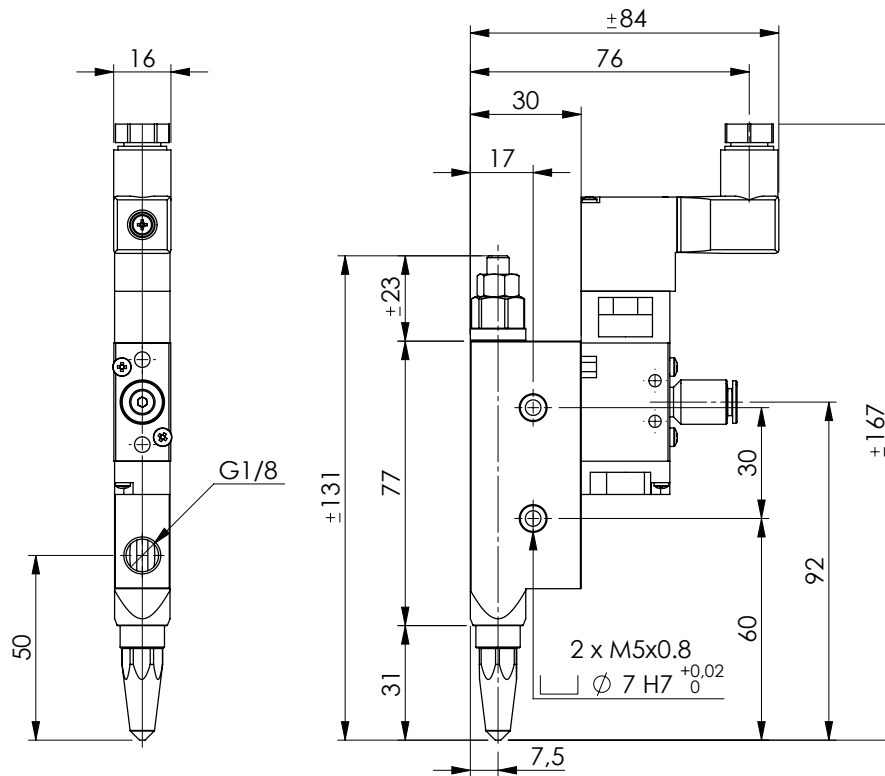


MZK4XXKVRM

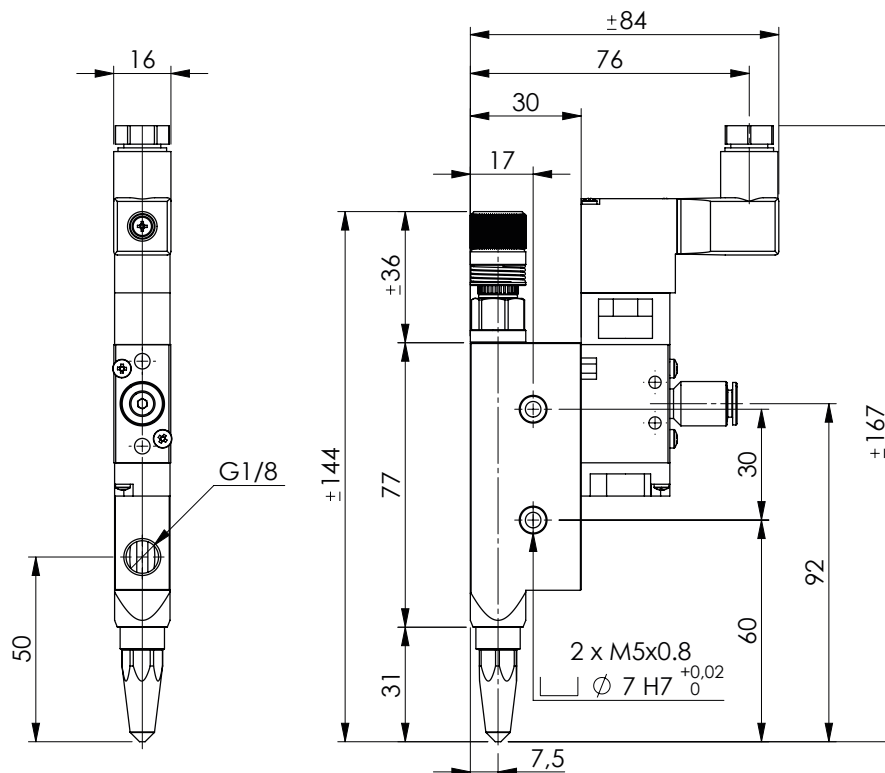




MZK4XXLVNR

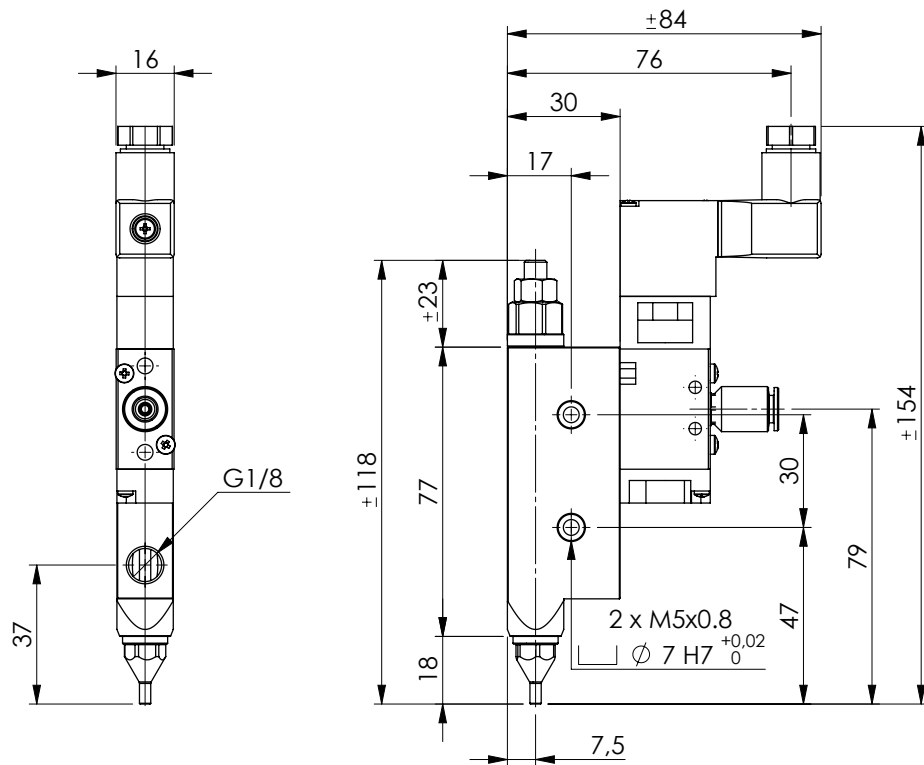


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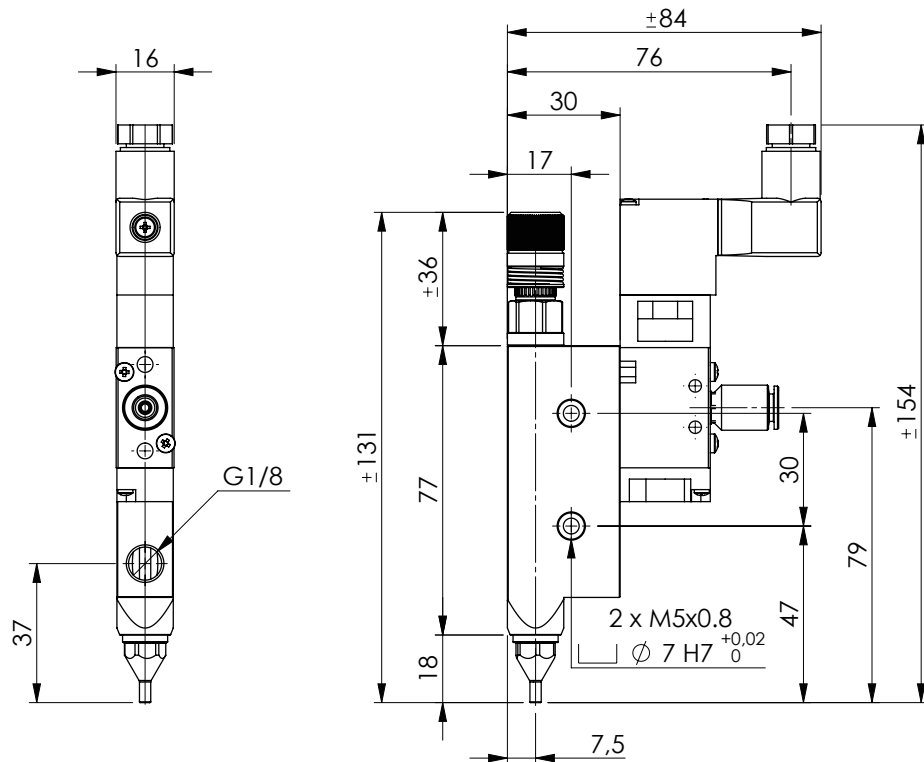




MZK4XXKLNR 7mm

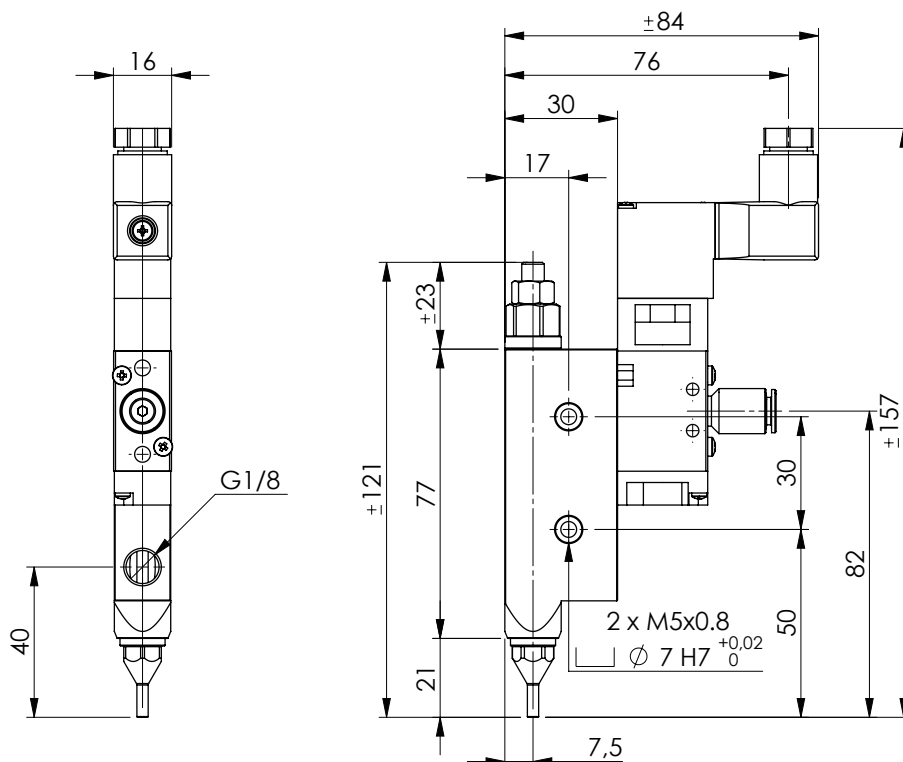


MZK4XXKLRM 7mm

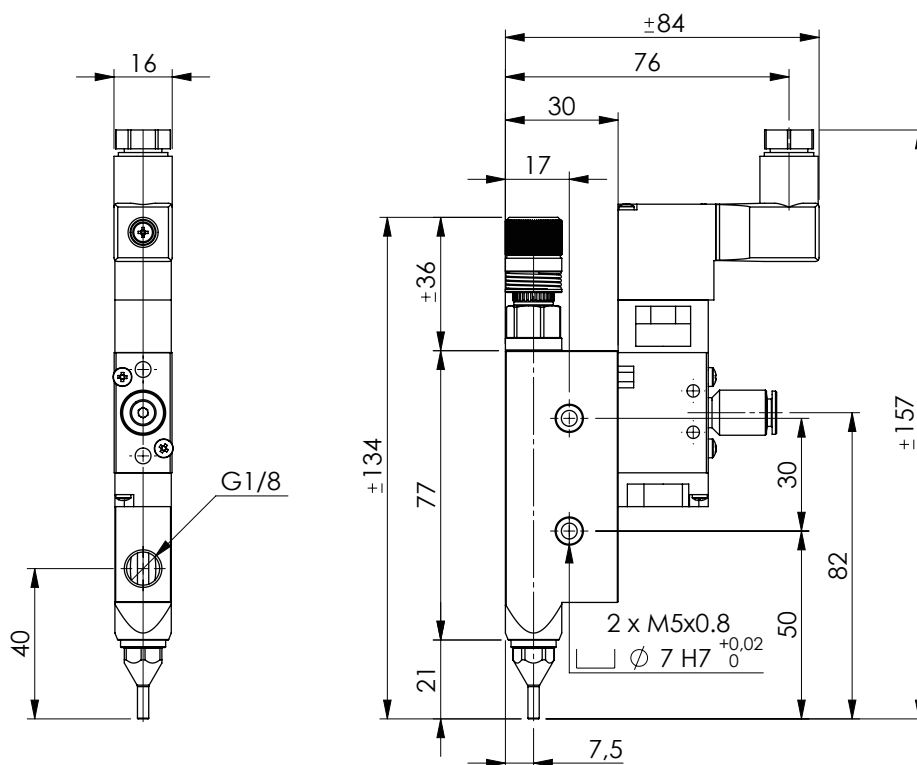




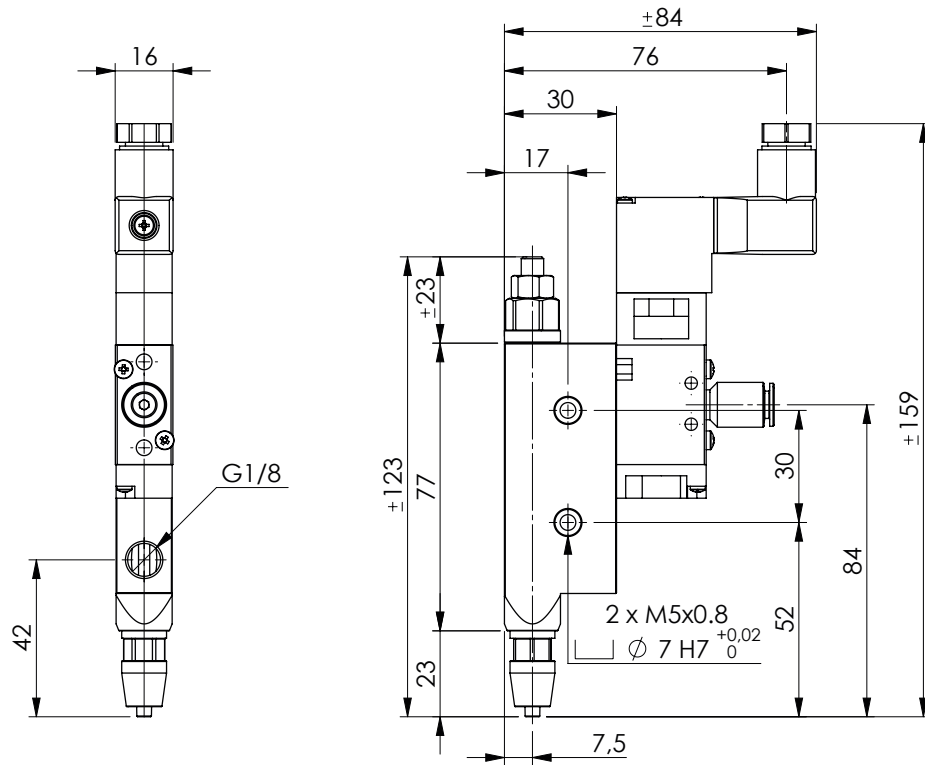
MZK4XXKLN 10mm



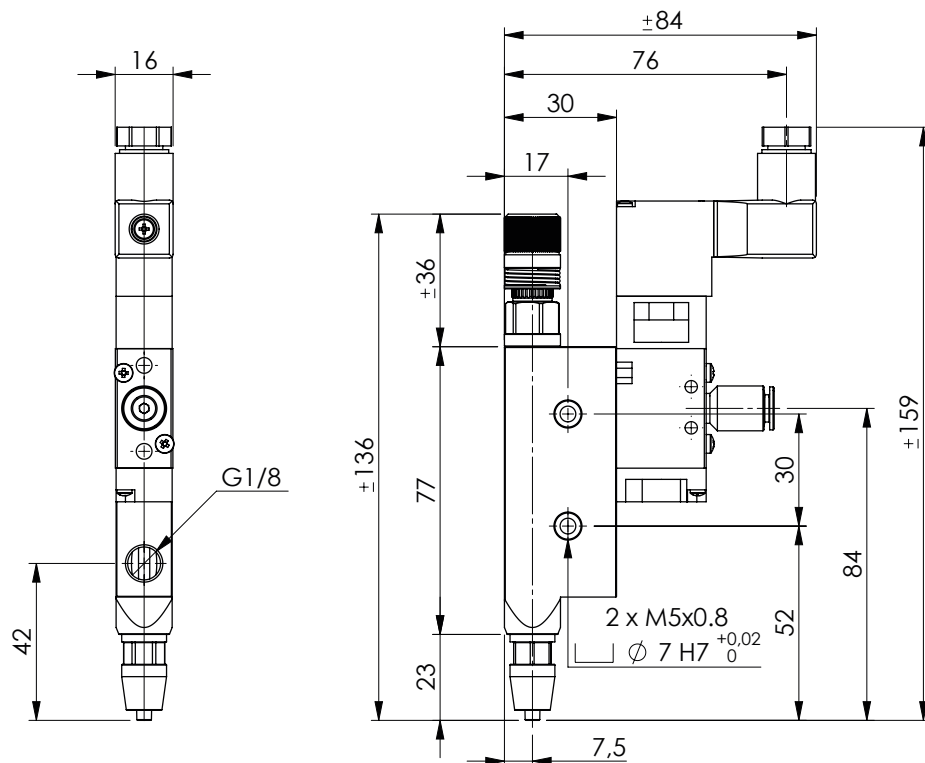
MZK4XXKL 10mm



M Z K 4 X X S Y N R

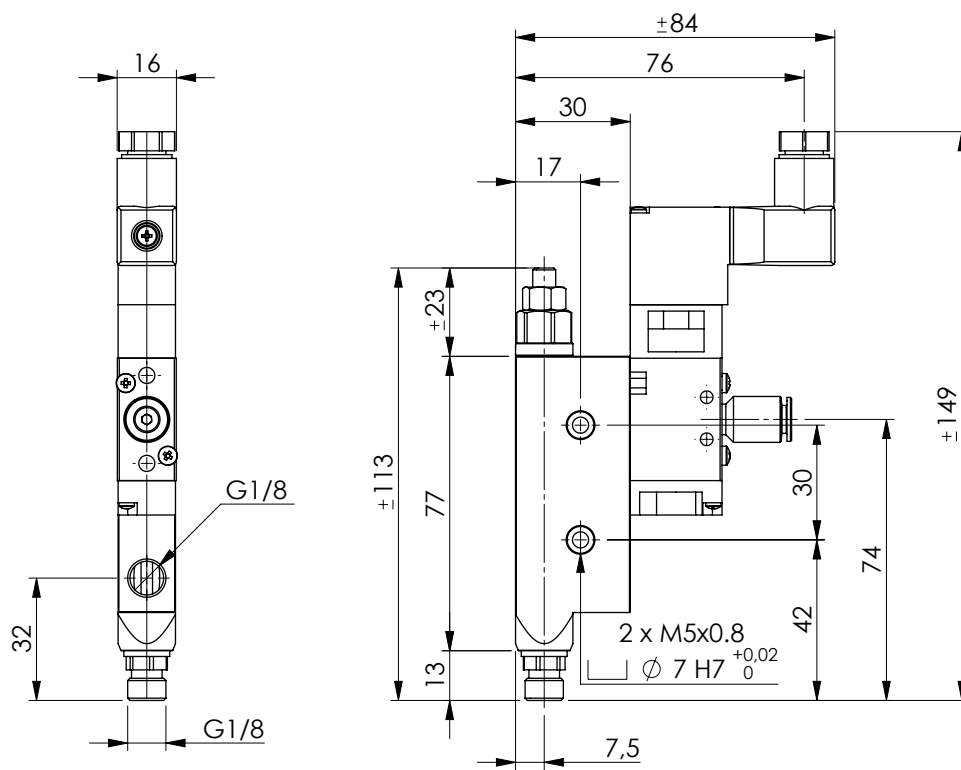


MZK4XXSYRM

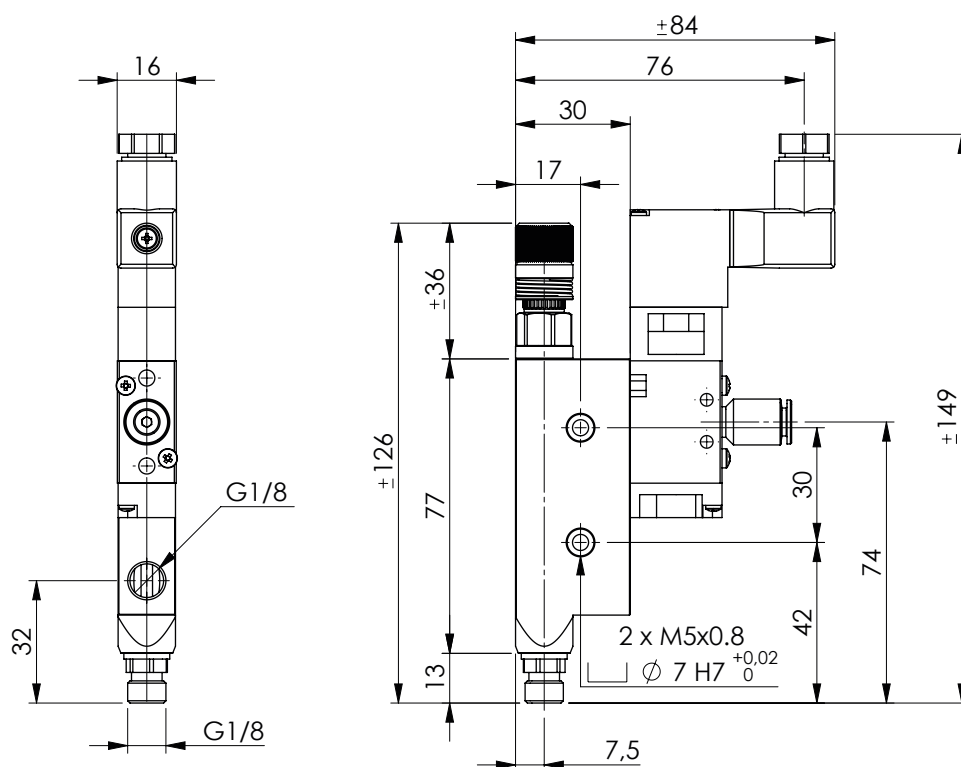




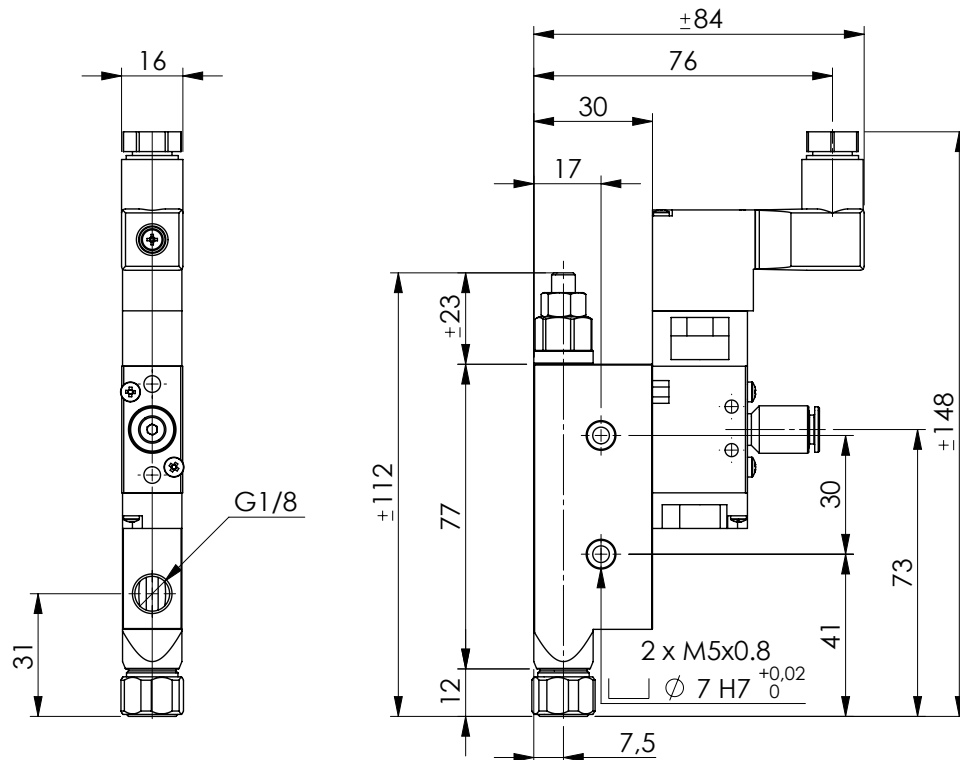
MZK40018NR



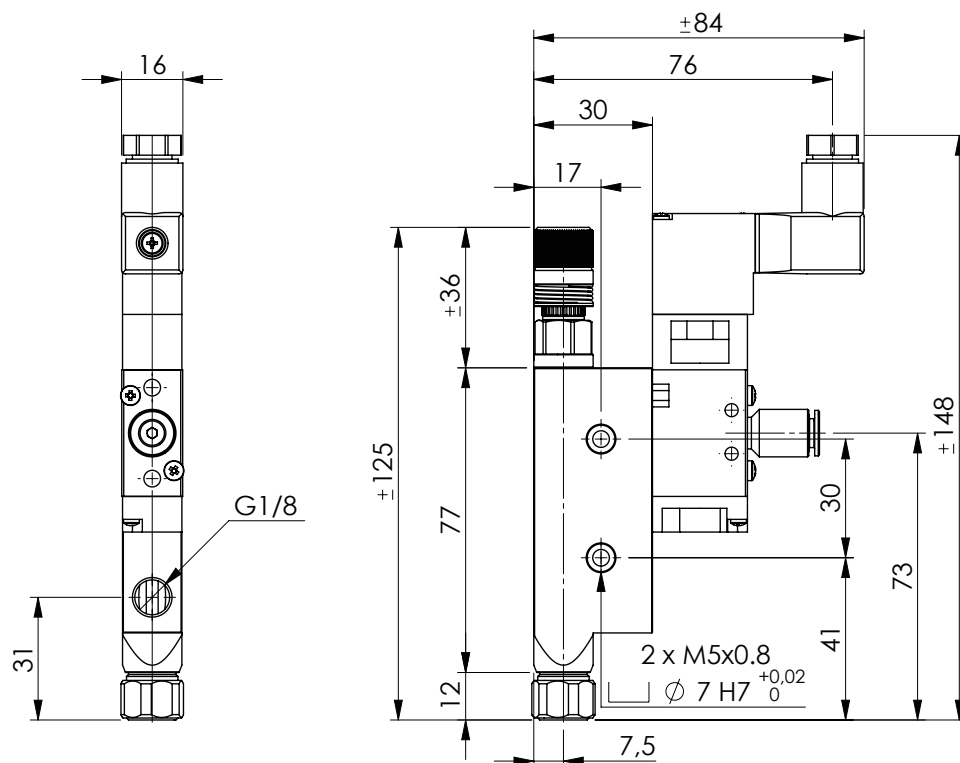
MZK40018RM



MZK400MGNR



MZK400MGRM



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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
MZX_v04

JUNE 2023

