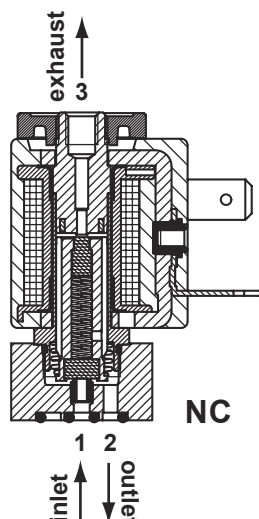


direct operated solenoid valves

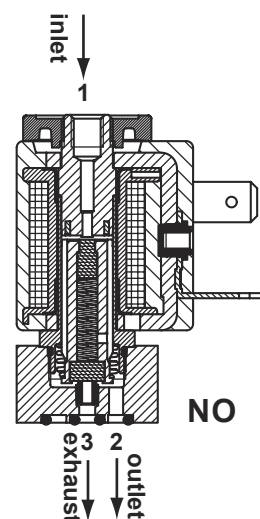
coil 22 mm

general information	
ambient temperature	- 10°C to + 50°C
response time	5 - 8 ms
mounting	in any position
seal materials, standard*	NBR, FPM, EPDM, PTFE*
dimensions	see page 2/4, 3/4 and 4/4
coil data	see page 2/4
connector data	see page 2/4
sub-base	see page 3/4 and 4/4

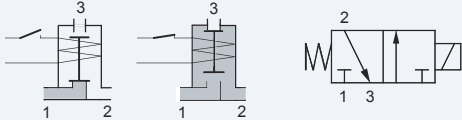
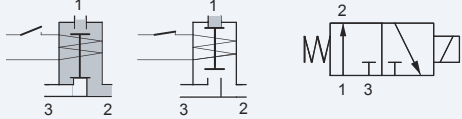
* other seal materials on request



NC



NO

function	symbol	orifice mm	*Kv	pressure range (bar)			nominal power			TABLE A
				min.	max. DC	max. AC	Watt DC	V.A. AC		main code
								inr.	hol.	
3/2 normally closed (NC) 		1.2	0.5	0	-	10	-	9	7.5	N3P112
		1.2	0.5	0	10	-	5	-	-	N3P612
		1.6	1.1	0	-	7	-	9	7.5	N3P116
		1.6	1.1	0	7	-	5	-	-	N3P616
3/2 normally open (NO) 		1.2	0.5	0	-	10	-	9	7.5	N3P212
		1.2	0.5	0	10	-	5	-	-	N3P712
		1.6	1.1	0	-	7	-	9	7.5	N3P216
		1.6	1.1	0	7	-	5	-	-	N3P716

*/min. of water with ΔP of 1 bar

order code

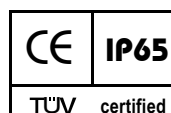
N	3	P				.				.	4		
---	---	---	--	--	--	---	--	--	--	---	---	--	--

main code	stem		seals		manual override		coil code
see table A on this page	code	material	code	material	code	type	see table B on page 2/4
	B	stainless AISI 303	B	NBR	0	none	
	C	brass*	V	FPM	1	brass screw	
		*option: chem. nickel	E	EPDM	4	plastic lever	
			T	PTFE			

FLO CONTROL

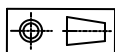
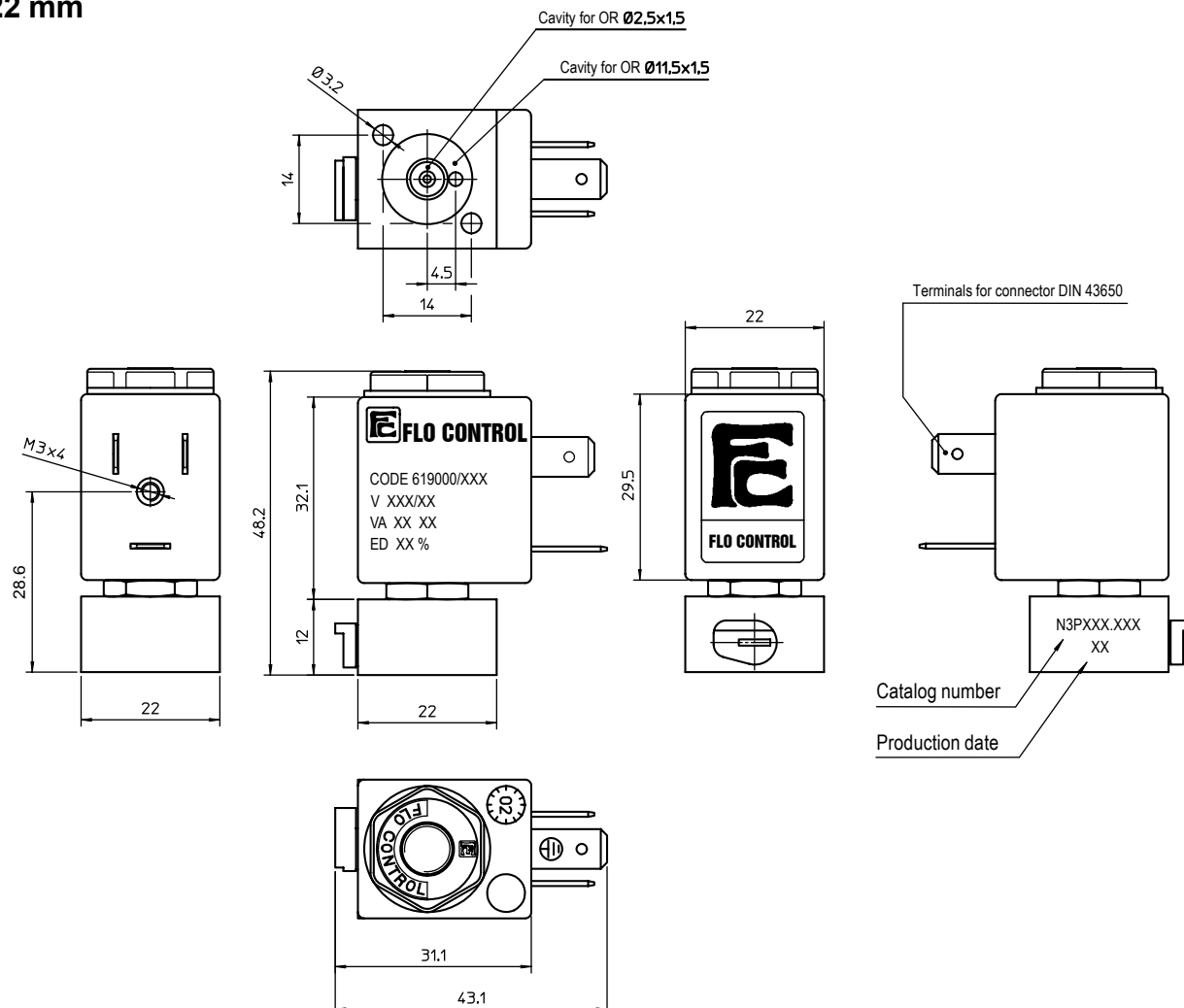
Solenoid Valves


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direct operated solenoid valves

coil 22 mm



weight 110 g

coil code		TABLE B			
 CODE 619000/XXX V XXX/XX VA XX XX ED 100 %	*voltages	code			
		~ 50 Hz	~ 60 Hz	= DC	
	6	-	-	461	
	12	-	-	466	
	24	411	444	471	
	48	416	-	476	
	110	421	-	481	
	115	-	453	-	
	220	431	-	491	
	230	457	459	-	

* other voltages and wattages on request

coil specification	
wire insulation	class H180° C
encapsulation	class F155° C
encapsulation mat.	nylon
energising duration	100% at +20° C ambient
voltage tolerance	- 10% to +15% of nominal voltage
power consumption	AC 7,5 VA - DC 5 Watt
electrical connection	DIN 43650/B (2P+ earth)
cable connection	Pg 9 (for cable dia. 6-8mm)
protection class	IP 65 (with connector)

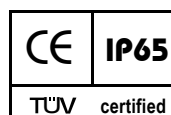
connector (not included, must be ordered separately)

code Z10030

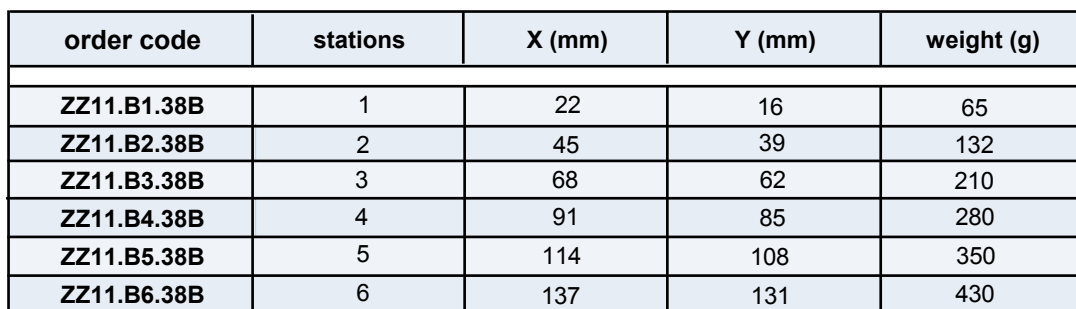
FLO CONTROL
Solenoid Valves



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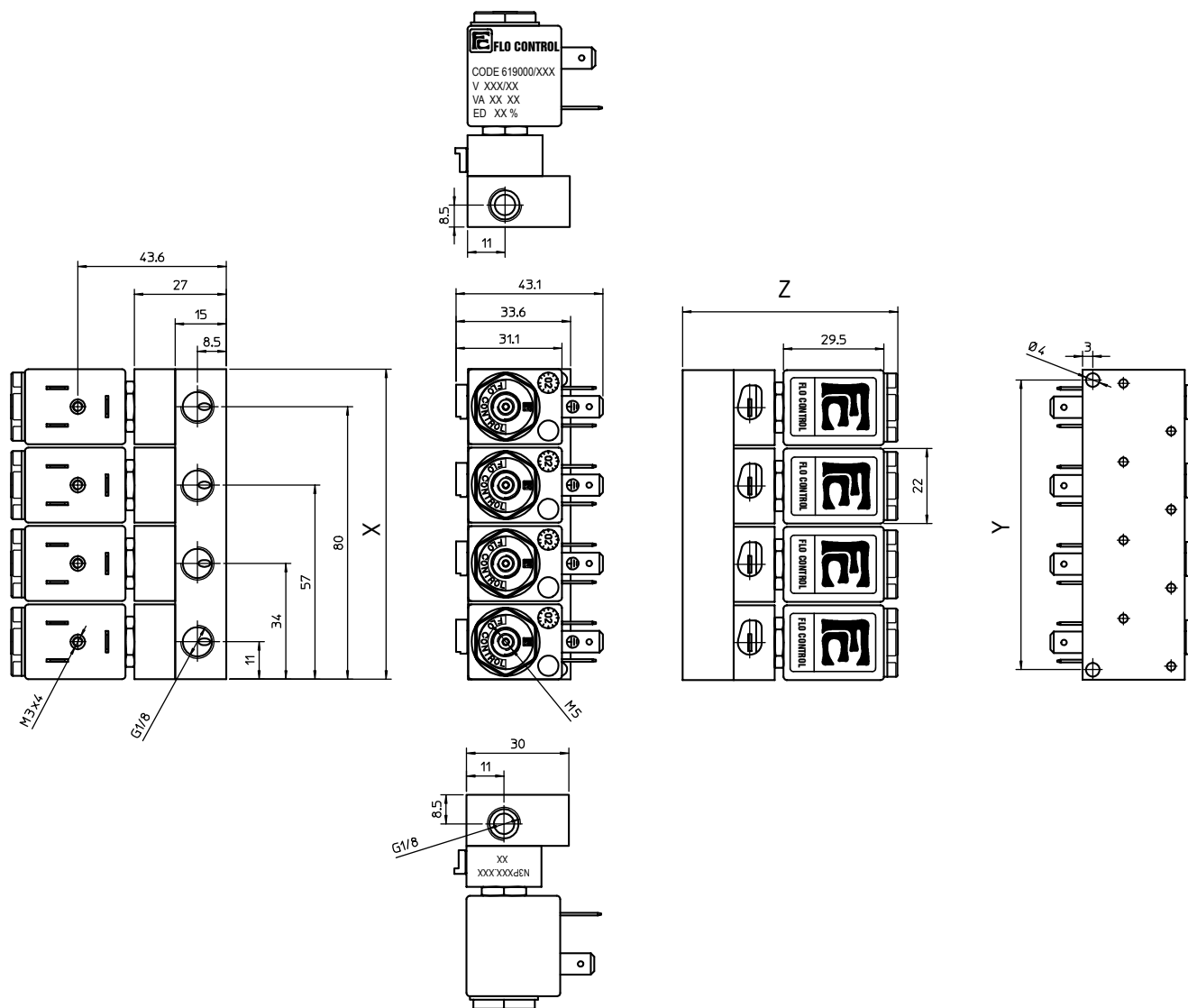


coil 22 mm



direct operated solenoid valves

coil 22 mm



dimensions assembled manifolds

order code	stations	X (mm)	Y (mm)	Z (mm)	weight (g)
parts have to be ordered separately: valves see page 1/4 bases see page 3/4 screws see page 3/4	1	22	16	63.2	175
	2	45	39	63.2	352
	3	68	62	63.2	540
	4	91	85	63.2	720
	5	114	108	63.2	900
	6	137	131	63.2	1090

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Solenoid Valves


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