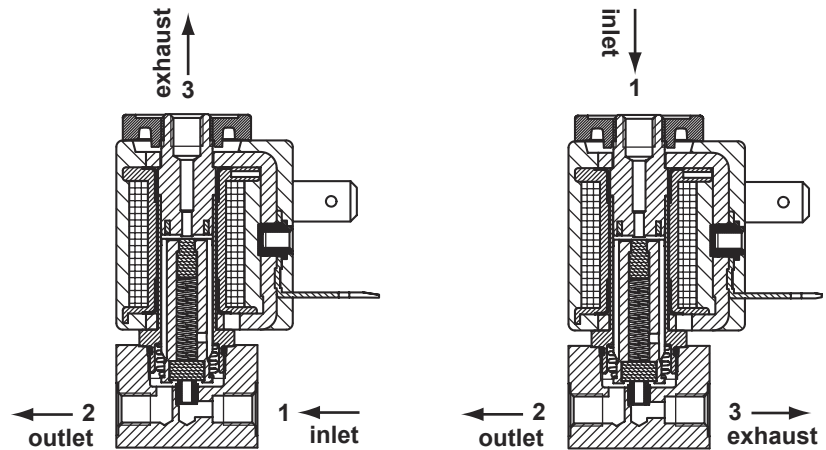


direct operated solenoid valves

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 2/2
coil data	see page 2/2
connector data	see page 2/2



\* other seal materials on request

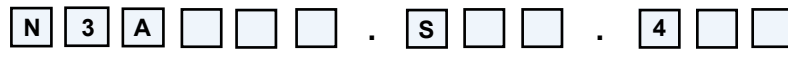
**NC**

**NO**

function	symbol	orifice mm	*Kv	pressure range (bar)			nominal power		TABLE A main code	
				min.	max. DC	max. AC	Watt DC	V.A. AC inr. hol.		
<b>3/2 normally closed (NC)</b> 		1.2	0.5	0	-	10	-	9	7.5	<b>N3A112</b>
		1.2	0.5	0	10	-	5	-	-	<b>N3A612</b>
		1.6	1.1	0	-	7	-	9	7.5	<b>N3A116</b>
		1.6	1.1	0	7	-	5	-	-	<b>N3A616</b>
<b>3/2 normally open (NO)</b> 		1.2	0.5	0	-	10	-	9	7.5	<b>N3A212</b>
		1.2	0.5	0	10	-	5	-	-	<b>N3A712</b>
		1.6	1.1	0	-	7	-	9	7.5	<b>N3A216</b>
		1.6	1.1	0	7	-	5	-	-	<b>N3A716</b>

\*l/min. of water with ΔP of 1 bar

**order code**



main code
see table A on this page

seals	
code	material
B	NBR
V	FPM
E	EPDM
T	PTFE

manual override	
code	type
0	none
4	plastic lever

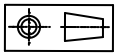
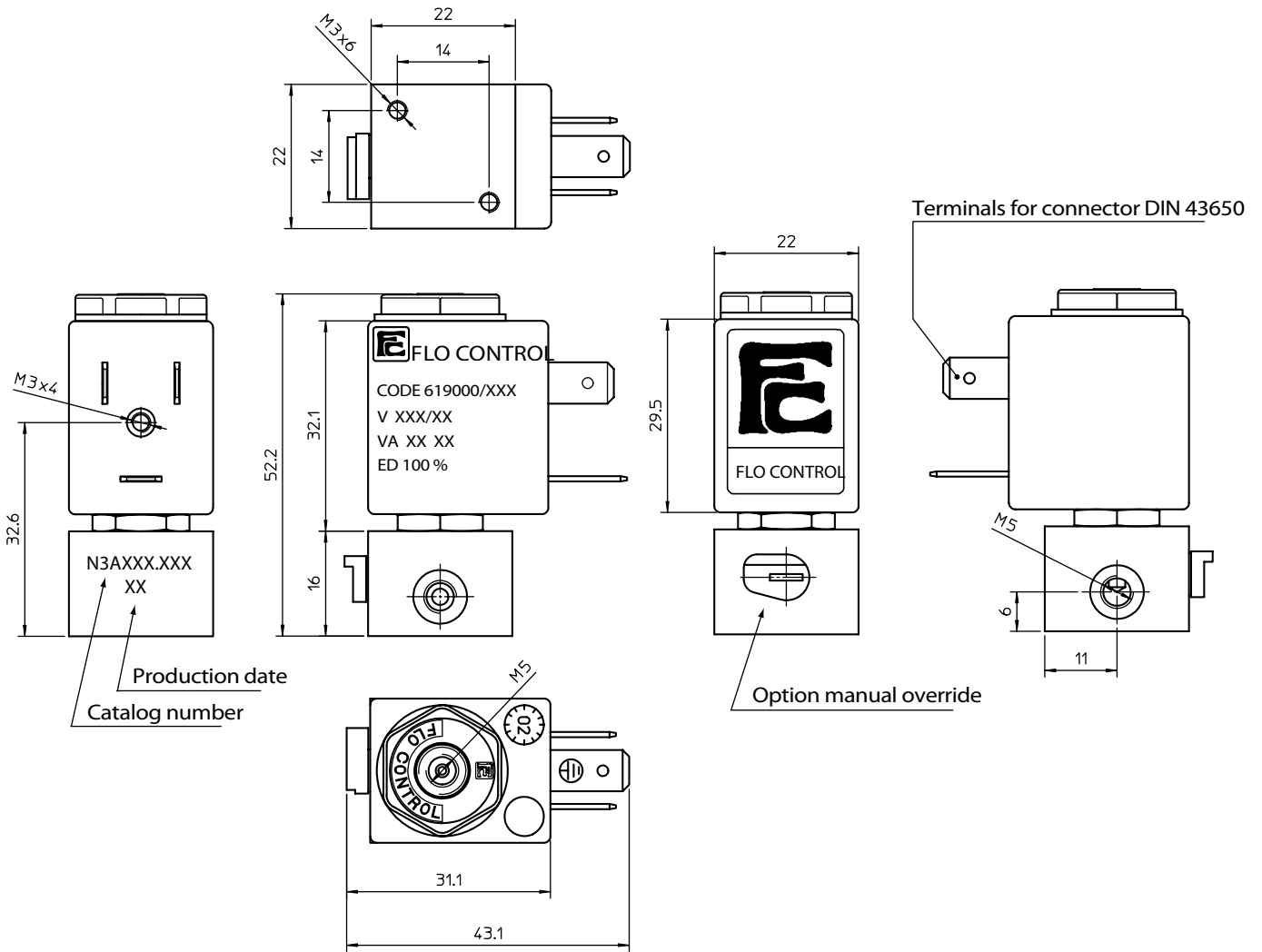
coil code
see table B on page 2/2

**FLO CONTROL**

Solenoid Valves



direct operated solenoid valves  
coil 22 mm



<b>weight</b>	130 g
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coil code	TABLE B			
	*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	-

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

\* other voltages and wattages on request

**connector** (not included, must be ordered separately)

<b>code</b>	Z10030
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**FLO CONTROL**

Solenoid Valves

