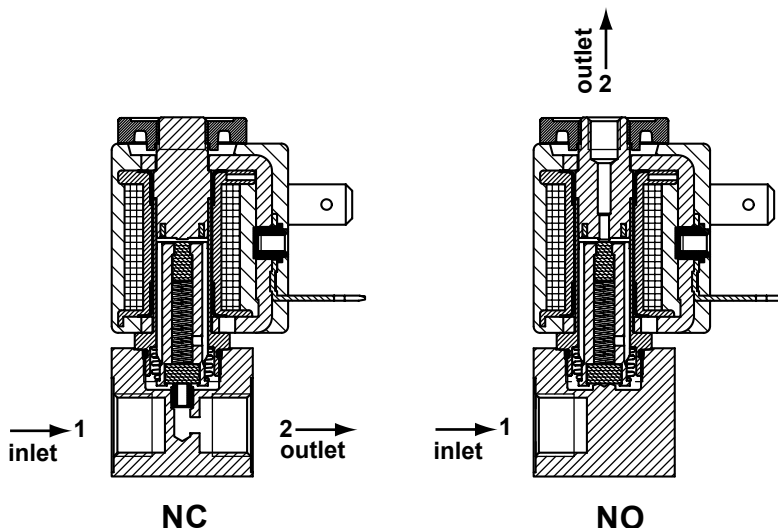


direct operated solenoid valves

coil 22 mm

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

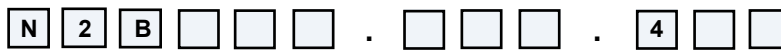


\* other seal materials on request

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>2/2 normally closed (NC)</b> 		1.0	0.4	0	-	35	-	9	7.5	<b>N2B110</b>
		1.0	0.4	0	20	-	5	-	-	<b>N2B610</b>
		1.2	0.5	0	-	26	-	9	7.5	<b>N2B112</b>
		1.2	0.5	0	15	-	5	-	-	<b>N2B612</b>
		1.6	1.1	0	-	15	-	9	7.5	<b>N2B116</b>
		1.6	1.1	0	7.5	-	5	-	-	<b>N2B616</b>
		2.0	1.5	0	-	9	-	9	7.5	<b>N2B120</b>
		2.0	1.5	0	4.5	-	5	-	-	<b>N2B620</b>
		2.4	2.0	0	-	5	-	9	7.5	<b>N2B124</b>
		2.4	2.0	0	4	-	5	-	-	<b>N2B624</b>
<b>2/2 normally open (NO)</b> 		1.2	0.5	0	-	12	-	9	7.5	<b>N2B212</b>
		1.2	0.5	0	12	-	5	-	-	<b>N2B712</b>
		1.6	1.1	0	-	10	-	9	7.5	<b>N2B216</b>
		1.6	1.1	0	10	-	5	-	-	<b>N2B716</b>
		2.0	1.5	0	4.5	-	5	-	-	<b>N2B720</b>
		2.4	2.0	0	3	-	5	-	-	<b>N2B724</b>

\*l/min. of water with ΔP of 1 bar

**order code**



main code
see table A on this page

stem	
code	material
<b>B</b>	stainless AISI 303
<b>C</b>	brass

seals	
code	material
<b>B</b>	NBR
<b>V</b>	FPM
<b>E</b>	EPDM
<b>T</b>	PTFE

manual override	
code	type
<b>0</b>	none
<b>1</b>	brass screw
<b>4</b>	plastic lever

coil code
see table B on page 2/3

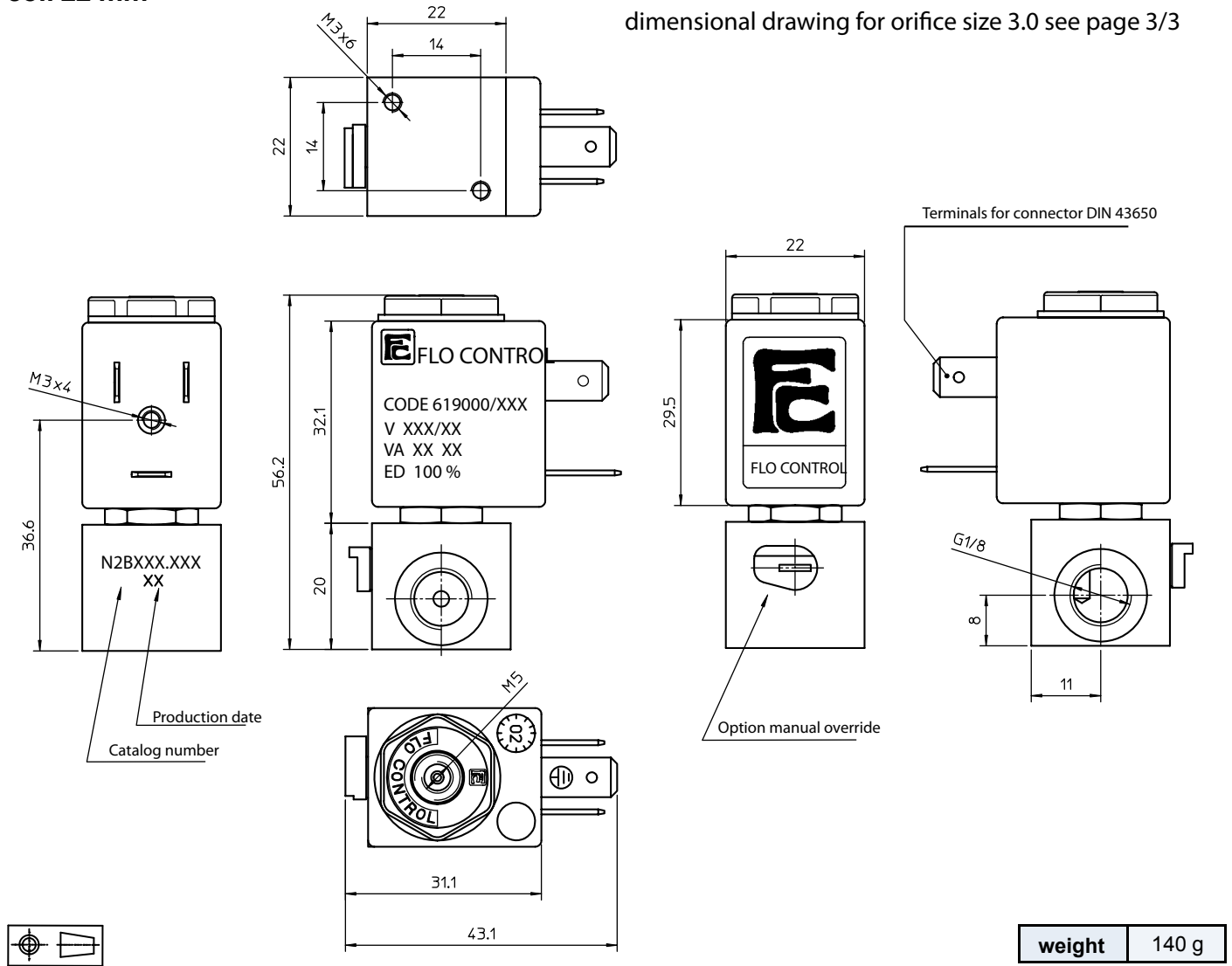


direct operated solenoid valves

coil 22 mm

dimensional drawings for orifice size 1.0 - 1.2 - 1.6 - 2.0 and 2.4

dimensional drawing for orifice size 3.0 see page 3/3



<b>weight</b>	140 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	
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)

\* other voltages and wattages on request

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

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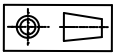
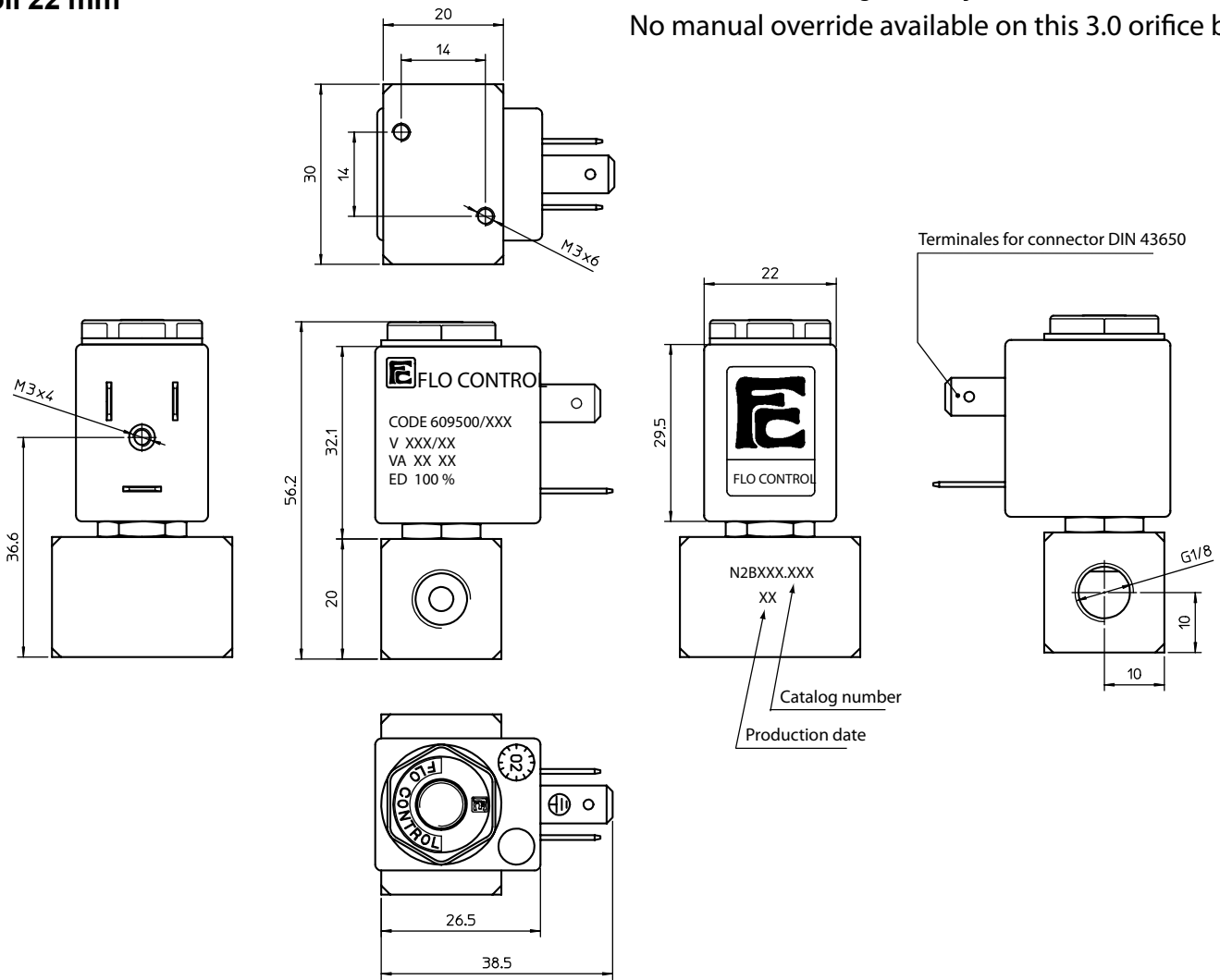
**FLO CONTROL**

Solenoid Valves



direct operated solenoid valves  
coil 22 mm

Dimensional drawing for body with orifice size 3.0 only.  
No manual override available on this 3.0 orifice body.



<b>weight</b>	160 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

