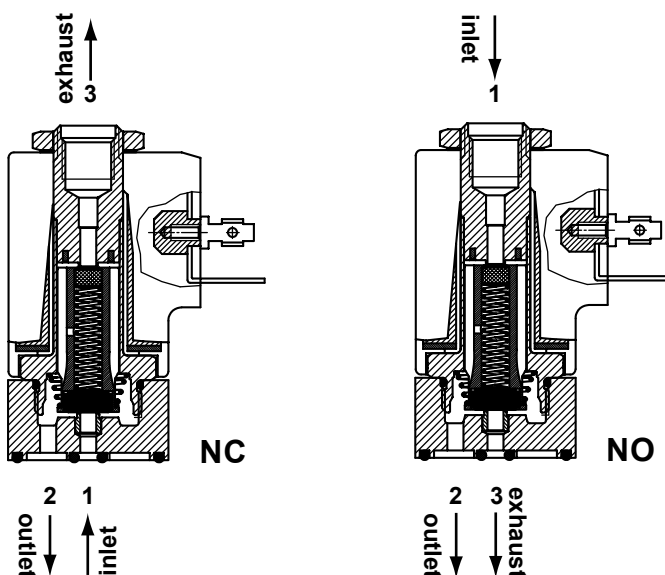


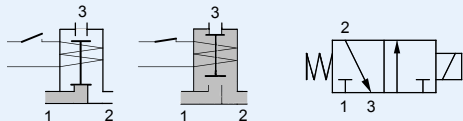
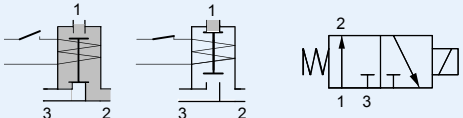
direct operated solenoid valves

coil 31 mm

general information	
ambient temperature	- 10°C to + 50°C
response time	6 - 18 ms
mounting	in any position
standard seal materials*	NBR, FPM, EPDM*
dimensions	see page 2/4
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



function	symbol	orif. 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)		0.8	0.5	0	30	30	10	21.5	13.5	Q3P108
		1.2	1.3	0	25	25	10	21.5	13.5	Q3P112
		1.6	1.7	0	15	15	10	21.5	13.5	Q3P116
		2.4	3.5	0	10	10	10	21.5	13.5	Q3P124
		3.0	4.5	0	6	6	10	21.5	13.5	Q3P130
3/2 normally open (NO)		0.8	0.5	0	20	20	10	21.5	13.5	Q3P208
		1.2	1.1	0	15	15	10	21.5	13.5	Q3P212
		1.6	1.4	0	10	10	10	21.5	13.5	Q3P216
		2.4	3.0	0	6	6	10	21.5	13.5	Q3P224
		3.0	3.5	0	4.5	4.5	10	21.5	13.5	Q3P230

*l/min. of water with ΔP of 1 bar

order code

Q 3 P . **A** . **6**

main code
see table A on this page

seals	
code	material
B	NBR
V	FPM
E	EPDM

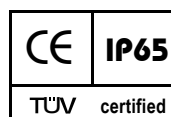
manual override	
code	type
0	none
1	brass screw
2	palm button
3	push button

coil code
see table B on page 2/4

FLO CONTROL
Solenoid Valves

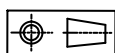
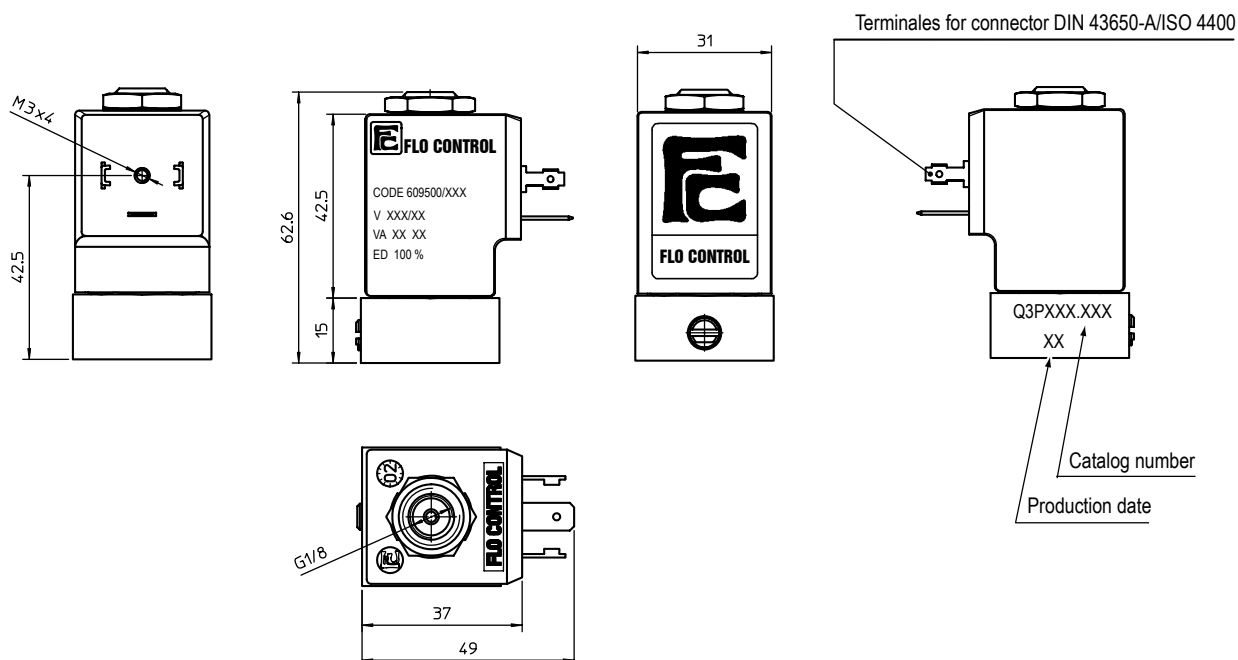
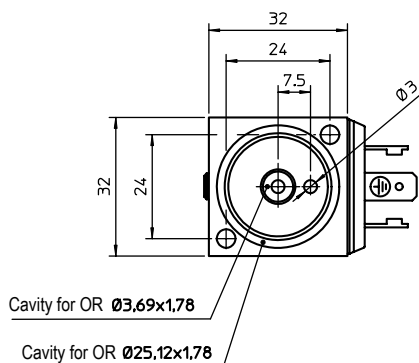


Production monitored
Safety tested

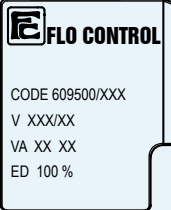


direct operated solenoid valves

coil 31 mm



weight 200 g

coil code	TABLE B			
	*voltages	code		
		~ 50 Hz	~ 60 Hz	= DC
 CODE 609500/XXX V XXX/XX VA XX XX ED 100 %	-	-	-	-
	12	-	-	666
	24	611	644	671
	48	616	-	676
	110	621	-	681
	220	631	653	-
	230	638	659	-
	380	640	-	-

coil specification	
wire insulation	class H180° C
encapsulation	class F155° C
encapsulation mat.	nylon
energising duration	100% at +20° C ambient
voltage tolerance	- 10% +15% of nominal voltage
power consumption	AC 13,5 VA - DC 10 Watt
electrical connection	DIN 43650/A (2P+ earth)
cable connection	Pg 9 (for cable dia. 6-8mm)
protection class	IP 65 (with connector)

* other voltages and wattages on request

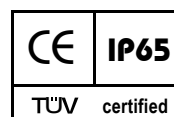
connector (not included, must be ordered separately)

code Z10031

FLO CONTROL
Solenoid Valves

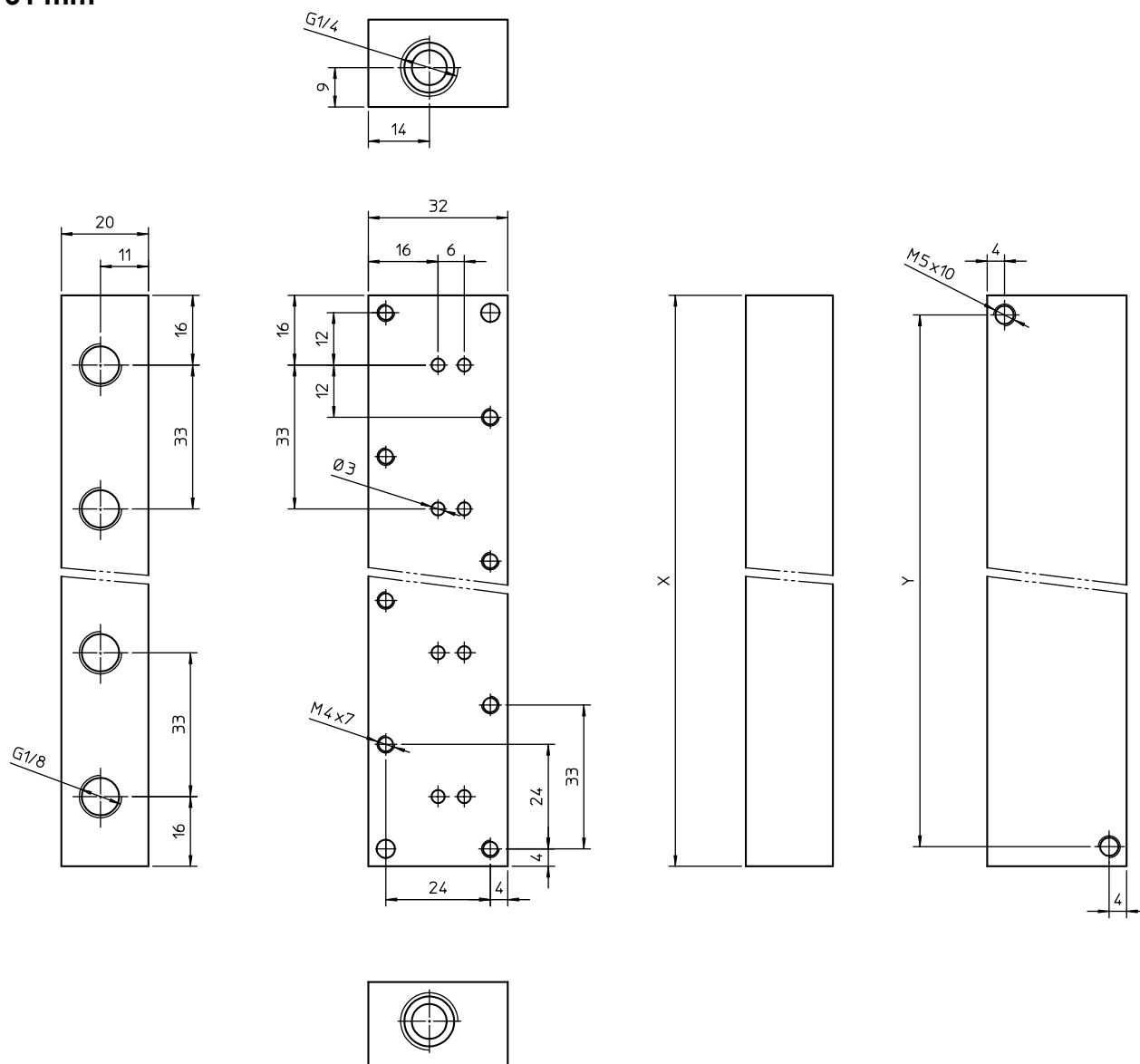


Production
monitored
Safety tested



direct operated solenoid valves

coil 31 mm



order code	stations	X (mm)	Y (mm)	weight (g)
ZZ11.Q1.38A	1	32	24	45
ZZ11.Q2.38A	2	65	57	100
ZZ11.Q3.38A	3	98	90	150
ZZ11.Q4.38A	4	131	123	205
ZZ11.Q5.38A	5	164	156	260
ZZ11.Q6.38A	6	197	189	310

-M4 screws order code Z11030 (two each valve station) must be ordered separately

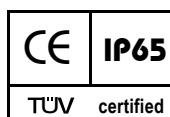
FLO CONTROL

Solenoid Valves



Production
monitored

Safety tested



Terminales for connector DIN 43650-A/ISO 4400

