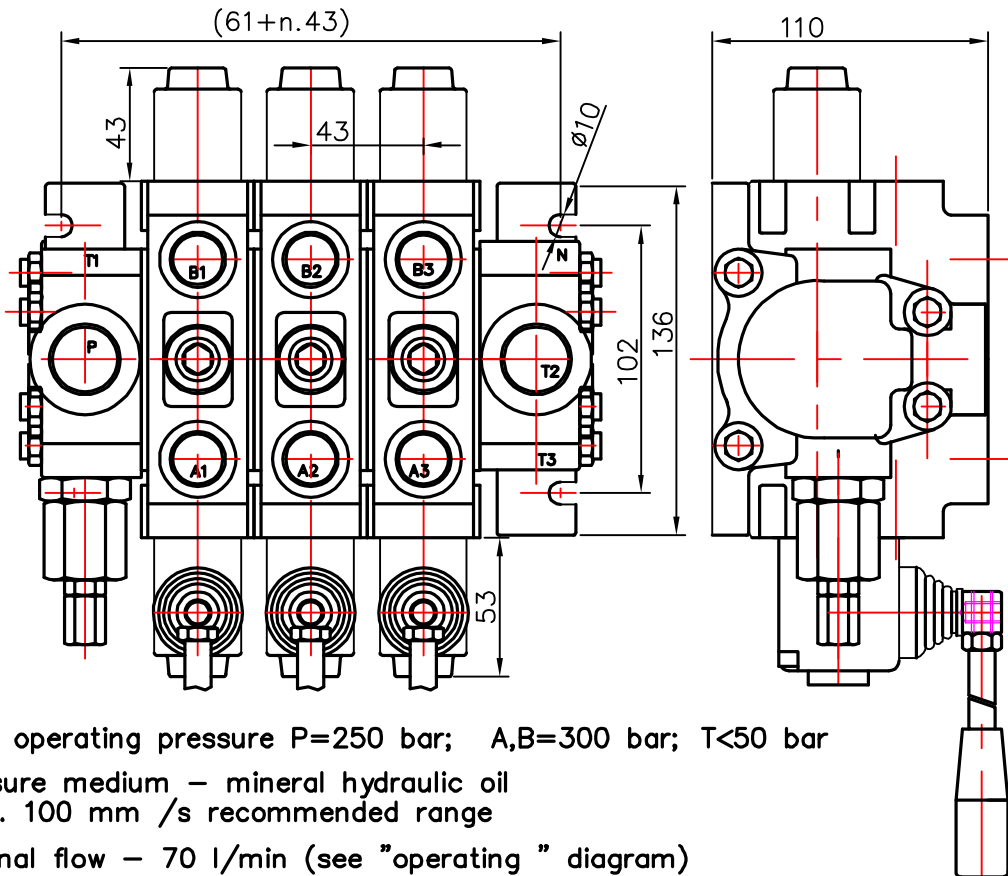


Распределитель гидравлический ZC 70
Directional control valve ZC 70



max. operating pressure P=250 bar; A,B=300 bar; T<50 bar

pressure medium – mineral hydraulic oil
20 ... 100 mm /s recommended range

nominal flow – 70 l/min (see "operating " diagram)

n – number of sections – max 8

Структура обозначения распределителя
Order code

3 ZC70 R N2/PA1/PA8AyBz/PD1/T2 /G KZ1 P E C2

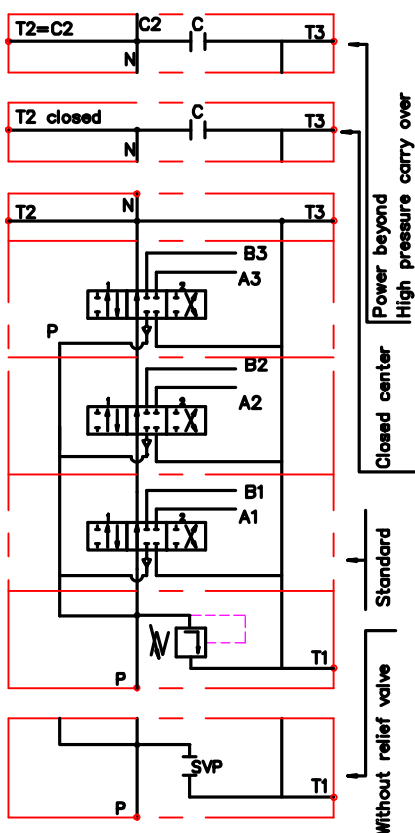
количество золотников number of spools	3
распределитель типа directional control valve	ZC70
вход давления с правой стороны inlet high pressure – right	R
тип напорной секции type of the inlet cover	N2
характеристика первого золотника first spool distribution type	PA1
характеристика второго золотника second spool distribution type	PA8AyBz
характеристика третьего золотника third spool distribution	PD1
тип сливной секции (T) type of the outlet cover (T port)	T2
размер присоединительных отверстий threads (P, A, B, T, N)	/G
вид ручного управления lever options	KZ1
управление грузого входа operation feature	P
с электро шалпер with microswitch	E
наконечник продолжения потока high pressure carry over	C2

* Фиксация в рабочих позициях с гидронепредохранением заказывается текстом.

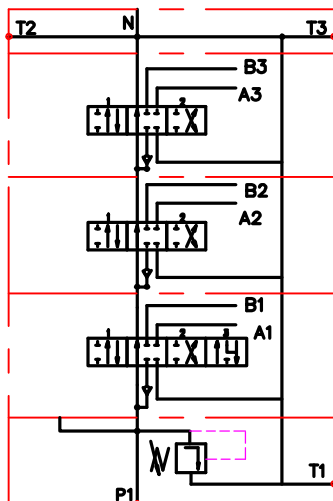
* All detend in operating positions, provided with hydraulic control, have to be ordered explanative.

параллельное распределение
parallel circuit
3ZC70 N2/ PA1/PA1/PA1/T2

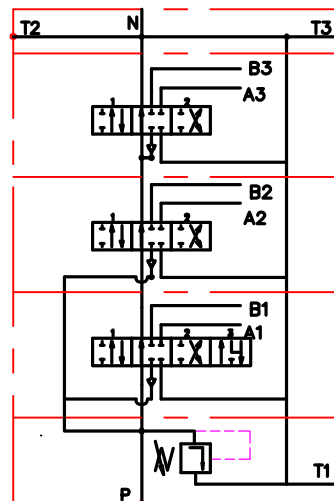
Распределитель гидравлический ZC 70
Directional control valve ZC 70



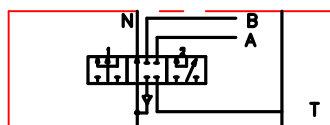
мангемное распределение
tandem circuit
3ZC70 N1/ TL12/TA1/TA1



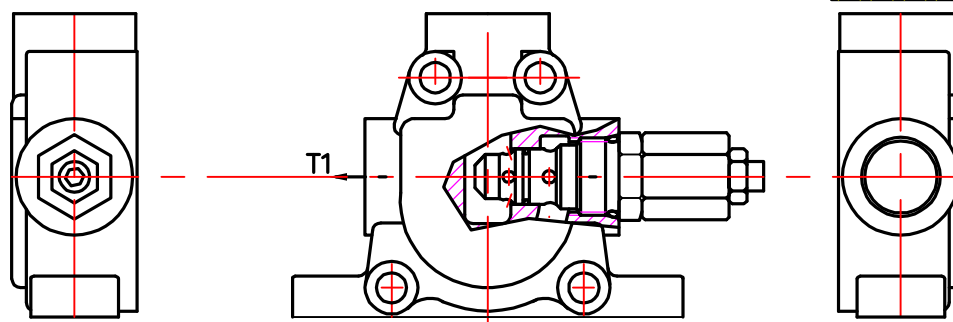
мешанное распределение
mixed circuit
3ZC70 N1/ FL12/PA1/TA1



series directional valve element

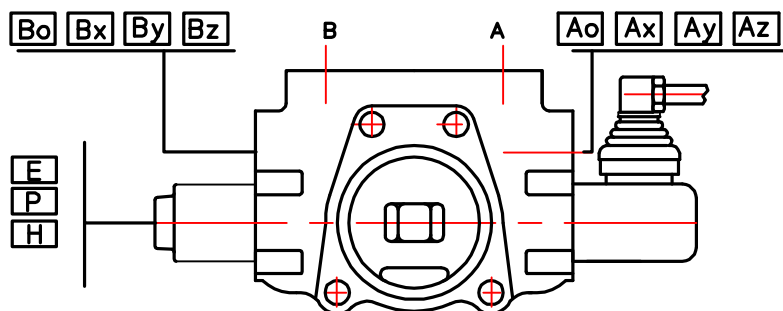


Напорная секция
Inlet cover

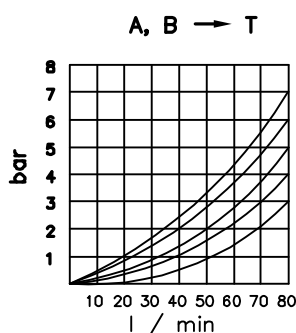
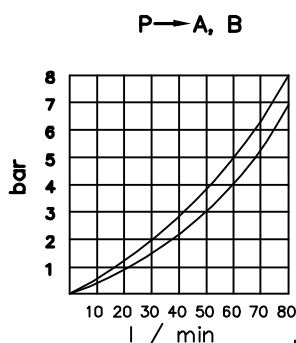
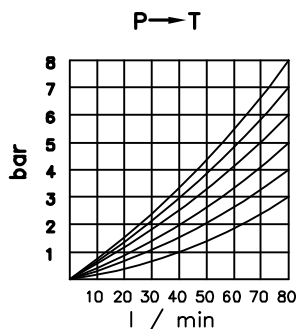


code	напорная секция / inlet cover
N1	
N2	
N1svp or N2svp	

Распределитель гидравлический ZC 70
Directional control valve ZC 70



распределительная секция
control valve



operating diagrams
for hand operated
control valve

code	вид золотника spool type
A	
B	
C	
D	
E	
F	
G	
H	
L	

code	резьбовые отверстия thread ports	code	способ распределения потока way of distribution of oil
	P, A, B T N	P	параллельное / parallel
G	1/2" 3/4" M26x1.5	T	мангем / tandem
M2	M22x1.5 M26x1.5	S	серийно/ series

code	с электро шалтер with electric switch
E	микро шалтер Omron - V 165 I C5 mikroswitch Omron - V 165 I C5

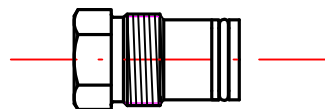
code	другое управление operation feature
P	пневматическое pn = 6 bar pneumatic ports - NPTF 1/8-27
H	гидравлическое pn = 6 - 20 bar hydraulic ports - G 1/4 DIN 3852/1

Ao	Bo	пробка соответственно к A и/или B plug for A and/or B
Ax	Bx	антикавитационный клапан соответственно к A и/или B anti cavitation valve for A and/or B
Ay	By	предохранительный клапан соответственно к A и/или B sek. pressure relief valve for A and/or B
Az	Bz	шок абсорбер к A и/или B shockabsorber valve for A and/or B

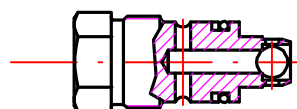
Распределитель гидравлический ZC 70
Directional control valve ZC 70

вторичные клапаны / second valves

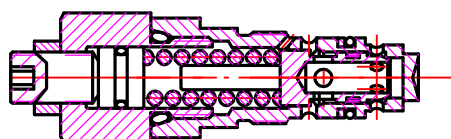
plug "O"



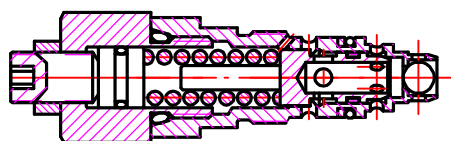
anticavitation valve "X"



second relief valve "y"



combined part relief and anticavitation valve "z"

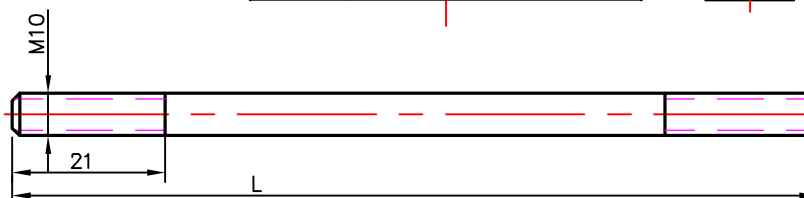
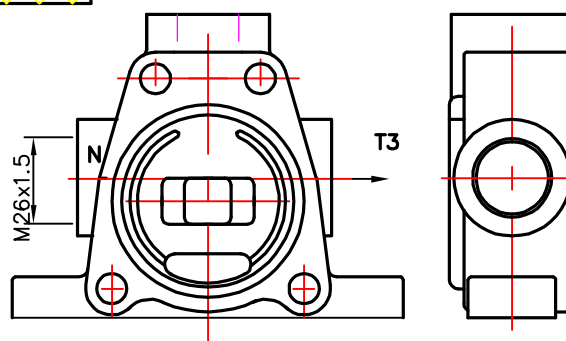
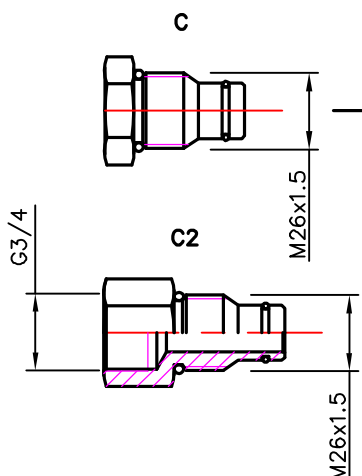


bug ручного управления / general operation feature

code	ескиз feature	code	ескиз feature	code	ескиз feature
KZ		KY		KI	
KZ1		KY1		KI1	
KZ0		KY0		KI0	
KZ01		KY01		KI01	
-	без система управления / without lever system				

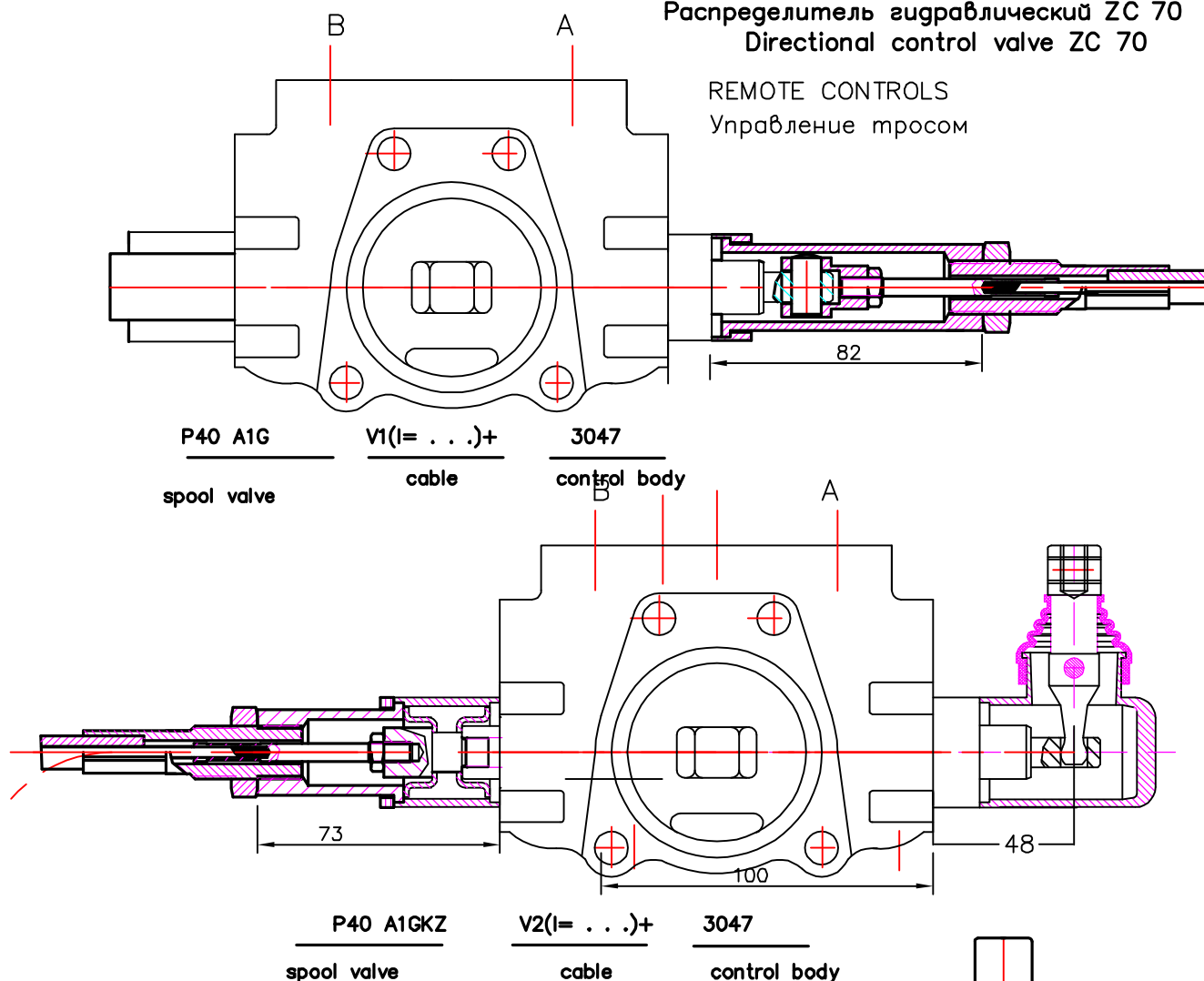
сливная секция
end plate

T2
or
(T2=C2) high pressure carry over
продолжитель потока



*C - C in port N+plug in T2-closed center
**(T2=C2)- C in port N-carry over in T2
***C2-C2 in port N+Plug in T2- carry over in N

брой золотников number of spools	1	2	3	4	5	6	7	8
L	145	188	230	275	320	360	405	445

Распределитель гидравлический ZC 70
Directional control valve ZC 70REMOTE CONTROLS
Управление тросом

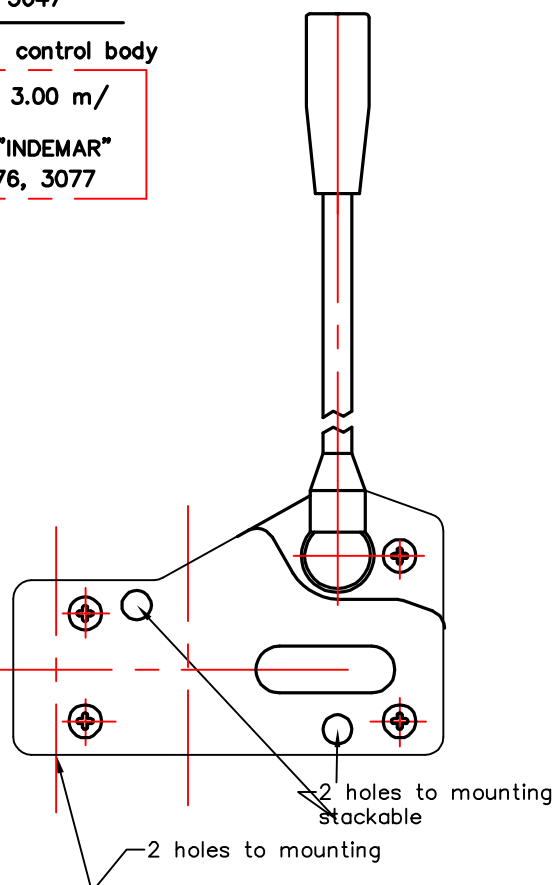
Cable "INDEMAR" Cod. IT 3056 /l=1.00; 1.50; 2.00; 2.50; 3.00 m/

+control body "INDEMAR"
code 3047, 3076, 3077

Technical specifications			
	3047	3076	3077
Stroke	13+13 mm	13+13 mm	13+13 mm
Max. load	45 kg	45 kg	45 kg
Level ratio	10:1	10:1	10:1
Lock in neutral	No	No	Yes
Antireverse lock	No	Yes	No
Body colour	Black	Black	Black
Cables type	Heavy Duty	Heavy Duty	Heavy Duty
Operating temperature	-40/+80C	-40/+80C	-40/+80C

High solidity controls for easy mounting on every type of distributor. They can be mounted stand alone or packed together.

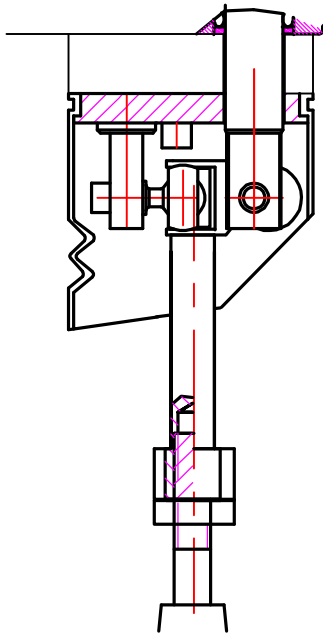
They use push-pull heavy duty cables that provide a positive smooth operating lever and are manufactured in a three different models to meet different needs of Clients.



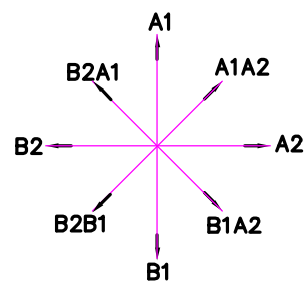
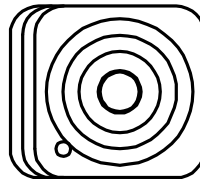
Распределитель гидравлический ZC 70
Directional control valve ZC 70

JOYSTICK "+"

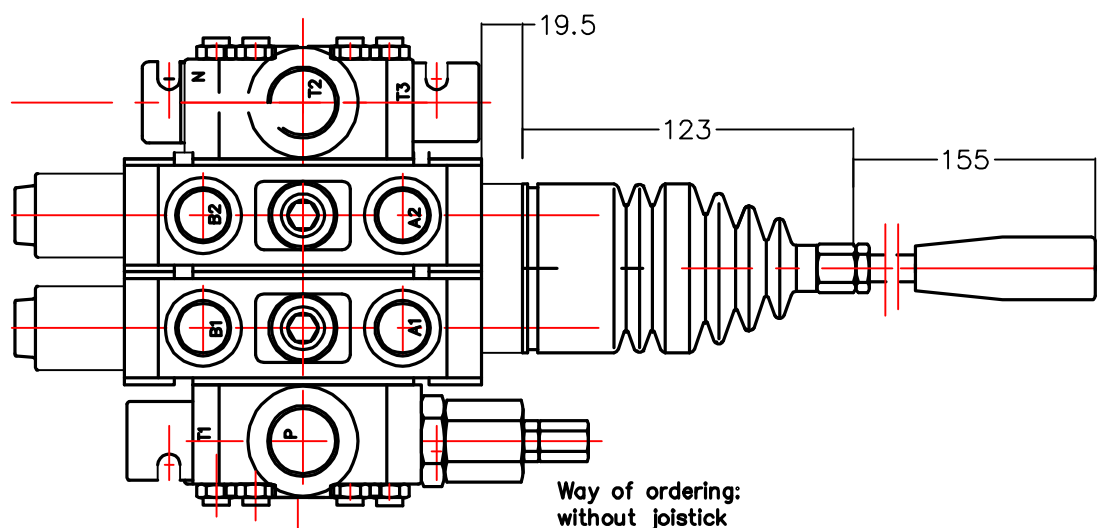
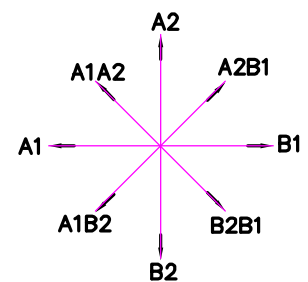
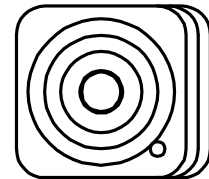
This control gives the possibility
to operate, at the same time
two spools with a "+" movement.



standard version 3



standard version 4



Way of ordering:
without joystick
2ZC70 PA1/PA1/G KZ1
with joystick
2ZC70 (A1A1)(js+3)G