GF4C - REQUEST FORM FOR NON STANDARD LIMIT SWITCH

Instructions

(See next pages for list of components and legends)

1. **Version**: tick the required version.
2. **Revolution ration:** write the required revolution ratio for each output.
3. **Standard cam sets**: write the code of the cam set required for each output.

   ATTENTION: refer to table "Configurations with sets of cams/ switches" for possible configurations.
4. **Customized cam sets**: for non standard cam sets, fill in the scheme choosing the cams and the switches required.

   ATTENTION: refer to table "Configurations with sets of cams/ switches" for possible configurations.

   Customized cams are available on request.
5. **Potentiometers, encoders, Yankee**: write the code of the potentiometer, encoder or Yankee required. Refer to table "Configurations with potentiometers, encoders and Yankee" for possible configurations.
6. **Cable clamps:** choose the number of cable clamps required.
7. **Coupling, flange, pinion gear:** thicj the box when coupling, flange or pinion gear are required.

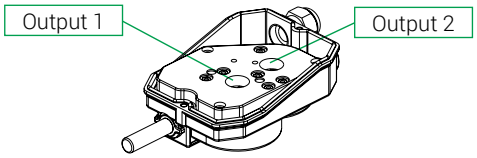
   When a standard pinion gear is required, write the code number listed in the pinion gear table in the catalogue.

   When a special pinion gear is required, write the number of teeth, the module and the primitive diameter.
8. **Shaft:** thick the shaft type required.
   Customized shafts are available on request.

Version 1

☐ Version IP00 (without cover)

☐ Version IP65



Revolution ratio 2

Output 1

☐ 1:1	☐ 1:25	☐ 1:200
☐ 1:5	☐ 1:50	☐ 1:250
☐ 1:10	☐ 1:70	☐ 1:300
☐ 1:15	☐ 1:100	☐ 1:450
☐ 1:20	☐ 1:150	☐ 1: ____

Output 2

1: ____

Not all revolution ratios are available

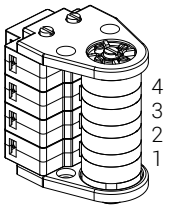
Standard cam sets 3

Cam set code

_____ Output 1

_____ Output 2

Customized cam sets 4



Output 1

Cam code	Switch code
4 _____	_____
3 _____	_____
2 _____	_____
1 _____	_____

Output 2

Cam code	Switch code
4 _____	_____
3 _____	_____
2 _____	_____
1 _____	_____

Potentiometers, encoders, Yankee 5

	Output 1	Output 2
Code	_____	_____

Cable clamps 6

☐ No. 1 cable clamp M20

☐ No. 2 cable clamps M20

7

☐ **Male coupling** ☐ **Coupling**

☐ **Female coupling** ☐ **Flange**

☐ **Pinion gear**

Pinion gear code _____

Customized pinion gear

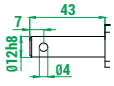
No. of teeth _____

Module _____

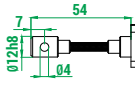
Primitive diameter _____

8

☐ **Standard shaft**



☐ **Flexible shaft**



3 Legend - Standard cam sets

No. & type of switches	No. & type of cams	Code
2 x PRSL0036XX	2 cams A	PRFC0010PE
	2 cams C	PRFC0012PE
2 x PRSL0037XX	2 cams A	PRFC0011PE
	2 cams C	PRFC0013PE
3 x PRSL0036XX	3 cams A	PRFC0020PE
	3 cams C	PRFC0022PE
3 x PRSL0037XX	3 cams A	PRFC0021PE
	3 cams C	PRFC0024PE
4 x PRSL0036XX	4 cams A	PRFC0030PE
	4 cams C	PRFC0032PE
4 x PRSL0037XX	4 cams A	PRFC0031PE
	4 cams C	PRFC0034PE
2 x PRSL0110XX	2 cams A	FCL20001
	Cams A+C	FCL20003
	2 cams C	FCL20005
4 x PRSL0110XX	Cams D+D+B+F	FCL40001
	4 cams A	FCL40003
	Cams A+A+C+C	FCL40005
	4 cams C	FCL40007
	Cams C+C+C+E	FCL40009
	Cams A+A+E+E	FCL40011
2 x PRSL0111XX	2 cams A	FCL20002
	Cams A+C	FCL20004
	2 cams C	FCL20006
4 x PRSL0111XX	Cams D+D+B+F	FCL40002
	4 cams A	FCL40004
	Cams A+A+C+C	FCL40006
	4 cams C	FCL40008
	Cams C+C+C+E	FCL40010
	Cams A+A+E+E	FCL40012
1 x PRSL0455XPI	1 cam A	PRFC0101PE
2 x PRSL0455XPI	2 cams A	PRFC0103PE

7 Legend - Potentiometers, encoders and Yankee

Description	Code
Potentiometer 10 kΩ with support	PA020001
Potentiometer 10 kΩ mechanical stop with support	PA020002
Potentiometer 10 kΩ ±10% 4 pins with support	PA020003
Potentiometer 10 kΩ ±10% 3 pins with support	PA020004
Potentiometer 5 kΩ ±10% with support	PA020005
Potentiometer 4,7 kΩ with support	PA020006
Potentiometer 10 kΩ with support	PA020007
Potentiometer 2,2 kΩ with support	PA020008
Potentiometer 2KΩ with support	PA020009
Encoder 36 pulses/rev. with support	PA030001
Encoder 150 pulses/rev. with support	PA030002
Yankee - current output	PA01AA01
Yankee - voltage output	PA01AB01
Yankee - PWM output	PA01AC01

4 Legend - Switches

Auxiliary control

PRSL0036XX	PRSL0037XX	PRSL0110XX	PRSL0111XX
1NO+1NC	1NC	1NO+1NC	1NC
			

Direct control

PRSL0455PI
2NC


4 Legend - Standard cams

Cam		Code for switches PRSL0036XX, PRSL0037XX, PRFC0455PI	Switching angle with PRSL0036XX	Switching angle with PRSL0037XX	Code for switches PRSL0110XX, PRSL0111XX	Switching angle with PRSL0110XX	Switching angle with PRSL0111XX
A	1 point	PRSL7140PI	21,0° ±0,5°	25,0° ±0,5°	PRSL7194PI	21,5° ±0,5°	23,0° ±0,5°
B	10 points	PRSL7142PI	16,5° ±0,5°	21,5° ±0,5°	PRSL7193PI	21,5° ±0,5°	23,0° ±0,5°
C	60° sector	PRSL7141PI	80,0° ±0,5°	86,0° ±0,5°	PRSL7195PI	82,0° ±0,5°	86,0° ±0,5°
D	72° sector	/	/	/	PRSL7196PI	94,0° ±0,5°	97,5° ±0,5°
E	180° sector	PRSL7144PI	199,5° ±0,5°	205,5° ±0,5°	PRSL7191PI	204,5° ±0,5°	203,0° ±0,5°
F	305° sector	/	/	/	PRSL7192PI	328,5° ±0,5°	327,0° ±0,5°
H	335° sector	PRSL7143PI	343,5° ±0,5°	349,0° ±0,5°	/	/	/

4 Table - Configurations with sets of cams/switches

Sets of cams with switches PRSL0036XX and PRSL0037XX

When using sets of cams with switches PRSL0036XX and PRSL0037XX:
- it is posssible to mount up to 4 switches on output 2
- it is posssible to mount up to 3 switches on output 1.

It is possible to mount 4 switches on output 1 only when output 2 is left empty.

Sets of cams with switches PRSL0110XX and PRSL0111XX

When using sets of cams with switches PRSL0110XX and PRSL0111XX, it is posssible to mount up to 4 switches on each output.

Sets of cams with switches PRSL0455PI

When using sets of cams with switches PRSL0455PI, it is possible to mount only 1 switch on each output.
It is possible to mount 2 switches on output 1 only when output 2 is left empty.

5 Table - Configurations with potentiometers, encoders and Yankee

With sets of cams/switches PRSL0036XX and PRSL0037XX

When using sets of cams with switches PRSL0036XX and PRSL0037XX, it is posssible to mount potentiometers, encoders and Yankee only on the output where there is no set of cams/switches. It is not possible to mount potentiometers, encoders nor Yankee on top of a set of cams/switches.

* Potentiometers marked with * can be mounted on output 1 or on output 2, but the other output must be left empty.

With sets of cams/switches PRSL0110XX and PRSL0111XX

Potentiometers, encoders and Yankee can be mounted on output 1 and 2 alone (No. of switches = 0), or on top of a set of cams with switches PRSL0110XX and PRSL0111XX according to the possible configurations shown in the following table.

* Potentiometers marked with * can be mounted on output 1 or on output 2, but the other output must be left empty.

	Output 1					Output 2				
Potentiometers, encoders and Yankee	**No. of switches PRSL0110XX-PRSL0111XX**					**No. of switches PRSL0110XX-PRSL0111XX**				
	0	**1**	**2**	**3**	**4**	**0**	**1**	**2**	**3**	**4**
PA020001	YES	YES	NO	NO	NO	YES	YES	NO	NO	NO
PA020002	YES	YES	NO	NO	NO	YES	YES	NO	NO	NO
PA020003	YES	YES	YES	NO	NO	YES	YES	YES	NO	NO
PA020004	YES	YES	YES	NO	NO	YES	YES	YES	NO	NO
PA020005	YES	YES	YES	NO	NO	YES	YES	YES	NO	NO
PA020006*	YES	YES	NO	NO	NO	YES	YES	NO	NO	NO
PA020007*	YES	YES	NO	NO	NO	YES	YES	NO	NO	NO
PA020008*	YES	YES	NO	NO	NO	YES	YES	NO	NO	NO
PA020009*	YES	NO	NO	NO	NO	YES	NO	NO	NO	NO
PA030001	YES	YES	YES	NO	NO	YES	YES	YES	NO	NO
PA030002	YES	YES	YES	NO	NO	YES	YES	YES	NO	NO
PA01AA01	YES	YES	YES	YES	NO	YES	YES	YES	YES	NO
PA01AB01	YES	YES	YES	YES	NO	YES	YES	YES	YES	NO
PA01AC01	YES	YES	YES	YES	NO	YES	YES	YES	YES	NO