








# FOX - REQUEST FORM FOR NON STANDARD LIMIT SWITCH

## Instructions

(See next page for list of components and legends)

- 1 Version:** tick the required version.
- 2 SIL 1 certified:** tick the box if you require SIL 1 certified units.
- 3 Revolution ratio:** write the required revolution ratio.
- 4 Standard cam set:** write the code of the cam set required, according to the legend.
- 5 Customized cam set:** for non standard cam sets, fill in the scheme choosing the cams and the switches required, according to the legends. It is possible to assemble sets with 2, 3, 4 or 5 cams/switches.  
  
Customized cams are available on request.
- 6 Potentiometer, encoder, Yankee:** write the code of the potentiometer, encoder or Yankee required.  
  
ATTENTION: it is possible to mount a potentiometer or an encoder alone or together with a set of 2 or 3 cams/switches. Potentiometers PA020001 and PA020002 can be combined only with sets of 2 cams/switches.  
  
ATTENTION: Yankee may be mouted alone or together with a set of max. 4 cams/switches.
- 7 Cable gland:** tick the type of cable gland required.
- 8 Coupling, flange, pinion gear:** tick the appropriate 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 tables in the catalogue.  
  
When a special pinion gear is required, write the number of teeth, the module and the primitive diameter.
- 9 Shaft:** tick the type of shaft required.  
  
Customized shafts are available on request.
- 10 Cover holding wire:** tick when the cover holding wire is required.

### Version **1**

- Version  
- Version   
- Version with anti-moisture plug  

ATTENTION: Limit switches with shafts made of stainless steel AISI 430F are not cULus certified.

### SIL1 certified **2**

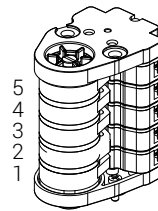
### Revolution ratio **3**

- |                                |   |
|--------------------------------|---|
| <input type="checkbox"/> 1:15  | <input type="checkbox"/> 1:150  |
| <input type="checkbox"/> 1:20  | <input type="checkbox"/> 1:200  |
| <input type="checkbox"/> 1:25  | <input type="checkbox"/> 1:250  |
| <input type="checkbox"/> 1:50  | <input type="checkbox"/> 1:300  |
| <input type="checkbox"/> 1:75  | <input type="checkbox"/> 1:450  |
| <input type="checkbox"/> 1:100 | <input type="checkbox"/> 1: <input style="width: 50px;" type="text"/> |

### Standard cam set **4**

Cam set code \_\_\_\_\_

### Customized cam set **5**



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

### Potentiometer, encoder, Yankee **6**

Code \_\_\_\_\_

### Cable gland **7**

- M20                       M20+M16
- M20+M20

### Male coupling                      Coupling **8**

Female coupling                       Flange

Pinion gear

Pinion gear code \_\_\_\_\_

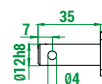
Customized pinion gear

No. of teeth \_\_\_\_\_

Module \_\_\_\_\_

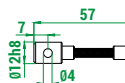
Primitive diameter \_\_\_\_\_

### Standard shaft **9**



- Stainless steel AISI 430F shaft
- High resistance stainless steel AISI 303 shaft

### Flexible shaft



- Stainless steel AISI 430F shaft
- High resistance stainless steel AISI 303 shaft

### Cover holding wire **10**

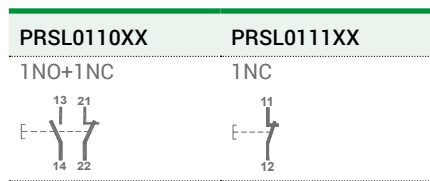
**4 Legend - Standard cam sets**

No. & type of switches	No. & type of cams	Code
2 x PRSL0110XX	2 cams A	FCL20001
	Cams A+C	FCL20003
4 x PRSL0110XX	2 cams C	FCL20005
	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
2 x PRSL0111XX	Cams A+A+E+E	FCL40011
	2 cams A	FCL20002
	Cams A+C	FCL20004
4 x PRSL0111XX	2 cams C	FCL20006
	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

**6 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
Encoder 36 pulses/rev. - with support	PA030001
Encoder 150 pulses/rev. - with support	PA030002
Yankee - current output	PA01AA01 / PA02AA01
Yankee - voltage output	PA01AB01
Yankee - PWM output	PA01AC01

**5 Legend - Switches**



**5 Legend - Cams**

Cam	Cam code for PRSL0110XX switch	Switching angle with PRSL0110XX	Cam code for PRSL0111XX switch	Switching angle with PRSL0111XX
A	PRSL7194PI	21.5° ±0.5°	PRSL7194PI	23.0° ±0.5°
B	PRSL7193PI	21.5° ±0.5°	PRSL7193PI	23.0° ±0.5°
C	PRSL7195PI	82.0° ±0.5°	PRSL7195PI	86.0° ±0.5°
D	PRSL7196PI	94.0° ±0.5°	PRSL7196PI	97.5° ±0.5°
E	PRSL7191PI	204.5° ±0.5°	PRSL7191PI	203.0° ±0.5°
F	PRSL7192PI	328.5° ±0.5°	PRSL7192PI	327.0° ±0.5°

