

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.
- 5 Customized cam set:** for non standard cam sets, fill in the scheme choosing the cams and the switches required. 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 mounted only with sets of 2 cams/switches.
ATTENTION: Yankee may be mounted alone or together with a set of max. 4 cams/switches.
- 7 Cable clamp:** tick the cable clamp required.
- 8 Coupling, flange, pinion gear:** tick 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 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 shaft type required.
Customized shafts are available on request.
- 10 Cover holding wire:** tick when the cover holding wire is required.

Version **1**

Version **CE EAC**

Version **cULus CE EAC**

Version with anti-moisture plug **CE EAC**

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

SIL1 certified **2**

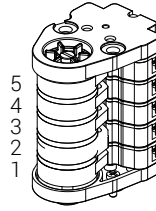
Revolution ratio **3**

- | | |
|--------------------------------|---|
| <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 clamp **7**

M20

M20+M16

M20+M20

Male coupling

Coupling **8**

Female coupling

Flange

Pinion gear

Pinion gear code _____

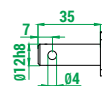
Customized pinion gear

No. of teeth _____

Module _____

Primitive diameter _____

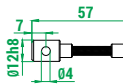
Standard shaft **9**



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**

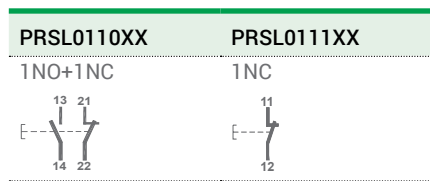
4 Legend - Standard cam sets

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
Yankee - voltage output	PA01AB01
Yankee - PWM output	PA01AC01

5 Legend - Switches



5 Legend - Standard cams

Cam	Code for PRSL0110XX switches	Switching angle with PRSL0110XX	Code for PRSL0111XX switches	Switching angle with PRSL0111XX	
A	1 point	PRSL7194PI	21.5° ±0.5°	PRSL7194PI	23.0° ±0.5°
B	10 points	PRSL7193PI	21.5° ±0.5°	PRSL7193PI	23.0° ±0.5°
C	60° sector	PRSL7195PI	82.0° ±0.5°	PRSL7195PI	86.0° ±0.5°
D	72° sector	PRSL7196PI	94.0° ±0.5°	PRSL7196PI	97.5° ±0.5°
E	180° sector	PRSL7191PI	204.5° ±0.5°	PRSL7191PI	203.0° ±0.5°
F	305° sector	PRSL7192PI	328.5° ±0.5°	PRSL7192PI	327.0° ±0.5°