



Rotary limit switches are used to control the movement of industrial machinery, they operate as an auxiliary controller for electric motors through a power interface. The switch shaft can be connected to the motor and after a preset number of revolutions, the cams operate a switch. Each cam can be set with a high accuracy due to precision cam adjusting screws.

type	ratio	no. micro's	description
------	-------	-------------	-------------

Base series wormgear limit switches (IP42) (H) 86 x (W) 70 x (D) 106

- Utilisation category: AC 15
- Rated thermal current: 10 A
- Rated operational voltage: 250 V
- Connections: Faston 6.3 mm
- Protection degree: IP 42 (IP65 available on request)
- Rated operational current: 3A

PFA9142A0015001	1:15	2	miniature wormgear limit switch
PFA9142A0025001	1:25	2	miniature wormgear limit switch
PFA9142A0050001	1:50	2	miniature wormgear limit switch
PFA9142A0075001	1:75	2	miniature wormgear limit switch
PFA9142A0103001	1:100	2	miniature wormgear limit switch
PFA9142A0158001	1:150	2	miniature wormgear limit switch

Above also available with 3 and 4 micro switches

Fox series wormgear limit switches (IP67) (H) 102 x (W) 68 x (D) 102

- Utilisation category: AC 15
- Rated thermal current: 10 A
- Rated insulation voltage: 250 V
- Connections: screw terminals with self-raising clamps
- Rated operational current: 3A

PFB9067A0016002	1:15	2	industrial wormgear limit switch
PFB9067A0027007	1:25	2	industrial wormgear limit switch
PFB9067A0062006	1:50	2	industrial wormgear limit switch
PFB9067A0103009	1:100	2	industrial wormgear limit switch
PFB9067A0162006	1:150	2	industrial wormgear limit switch
PFB9067A0222005	1:200	2	industrial wormgear limit switch
PFB9067A0254003	1:250	2	industrial wormgear limit switch

Above also available with 3 and 4 micro switches

Oscar series wormgear limit switches (IP67) (H) 128 x (W) 113 x (D) 146.5

- Utilisation category: AC 15
- Rated thermal current: 10 A
- Rated insulation voltage: 250 V
- Connections: Screw-type terminals with self-raising clamps
- Rated operational current: 3A

PFC9067A0031009	1:25	2	industrial wormgear limit switch
PFC9067A0062002	1:50	2	industrial wormgear limit switch
PFC9067A0107007	1:100	2	industrial wormgear limit switch
PFC9067A0156002	1:150	2	industrial wormgear limit switch
PFC9067A0214006	1:200	2	industrial wormgear limit switch
PFC9067A0254002	1:250	2	industrial wormgear limit switch
PFC9067A0313003	1:300	2	industrial wormgear limit switch

Above available with up to 8 micro switches. Other ratios available on request

Accessories for above Fox and Oscar switches

Yankee encoders for wormgear limit switches

Electronic position sensor which interfaces with rotation elements returning a signal according to the angular position. Measurement accuracy is guaranteed by 4096 points per revolution.

Yankee 1 (absolute encoders)

- Free rotation: 360°
- Maximum rotation speed: 800 rpm
- Power supply: 12 - 48 VDC
- Analog output: Current: 4 - 20mA / voltage: 0 - 10V / PWM 0 - 100%
- Resolution: 12 bit

PA01AA01	4 - 20mA	encoder	Yankee 1 encoder with current output
PA01AB01	0 - 10V	encoder	Yankee 1 encoder with voltage output
PA01AC01	PWM	encoder	Yankee 1 encoder with (PWM) output

Incremental encoder available on request

Potentiometers with support

PA020001	10 kΩ	potentiometer MCB with support
-----------------	-------	--------------------------------