

Limit Switches series 300/400FC



► Description

The FLUCON 300/400FC series Limit switch visual indicator is a mechanical device which graphically displays the angular displacement (rotary indication) of a quarter turn valve or any other device operating between 0° & 90°. The limit switch indicator represents a true indication of valve position. It is infinitely adjustable and delivers a 100% change of indication, displaying 90° of rotation by utilising an amplified mechanical drive.

► Integrated Characteristic

- Suitable for Rotary quarter turn actuator.
- Extremely vibration resistance design.
- Corrosion resistance aluminum diecast and powder coated.
- Bolts on visual position indicator is adjustable and waterproof.
- Easy to adjust cam, spring loaded splined cam. No need to adjust again after initial setting. Easy setting without tool.
- Dual cable entries.
- Captive cover bolts. No worry to loose bolts while cover opens.
- Easy mounting.
- *Optional position transmitter 4~20mA DC.*

► Application




The Flucon 300FC Limit Switches are used for visual indication and contact output of the Rotary quarter turn actuator and optionally get the 4~20mA DC with respect to the rotary valve movement.

Used in :




- Petrochemical Processing Systems.
- Energy Management.
- HVAC Systems.
- Textile Processing Systems.
- Pharmaceutical Processing System.
- Paper & Pulp Handling Controls.
- Power Plant.
- Cement Industries.
- Fertilizer Industries.






Technical Specification

Model 301	Standard	Option
Enclosure	IP 67	
Temperature Range	-25°C ~ 85°C	
Cable Entry	2 x 1/2 NPT	PT1/2 M20, PG13.5
Terminal Strip	8	9-24
Micro Switch Certification*	CE UL    *	
Position Indicator	0~90°	0~180° Open: yellow Close: Red
Switches*	Mechanical Switches	
Potentiometer	5KΩ	
Current Output signal(Optional)	4~20mA DC	
Switch Type*	SPDT	
Switch Rating*	15A~250 AC, 2.5A~24V DC*	

* Options available

Model 302	Standard	Option
Enclosure	IP 67	
Temperature Range	-25°C ~ 85°C	
Cable Entry	2 x 1/2 NPT	PT1/2
Terminal Strip	8	9-24
Micro Switch Certification*	CE UL    *	
Position Indicator	0~90°	0~180° Open: yellow Close: Red
Switches*	Mechanical Switches	
Potentiometer	5KΩ	
Current Output signal(Optional)	4~20mA DC	
Switch Type*	SPDT	
Switch Rating*	15A~250 AC, 2.5A~24V DC*	

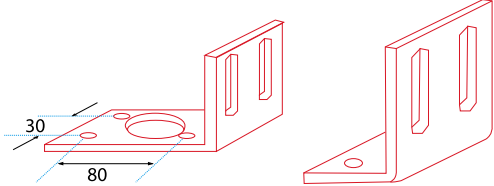
* Options available

Model 400	Standard	Option
Enclosure	IP 67, Ex. Proof	
Temperature Range	-25°C ~ 85°C	
Cable Entry	2 x 1/2 NPT	PT1/2
Terminal Strip	8	9-24
Micro Switch Certification*	CE UL    *	
Position Indicator	0~90°	0~180° Open: yellow Close: Red
Switches*	Mechanical Switches	
Potentiometer	5KΩ	
Current Output signal(Optional)	4~20mA DC	
Switch Type*	SPDT	
Switch Rating*	15A~250 AC, 2.5A~24V DC*	

* Options available

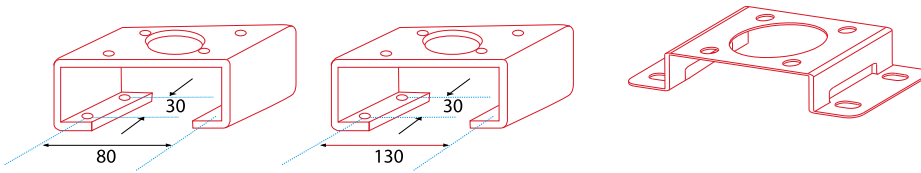
Mounting Bracket

Model No.	Application	
301	30 X 80	H 20 - 30
302	30 X 80	H 30
400	30 X 130	H 30 - 50



A 30 X 80 H 20 - 30

B 30 X 130 H 30 - 50



C 30 X 80 H 30

D 30 X 130 H 30

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