

## Magnetism Switch

### Specification

Model	Product	Contact Type	Working Voltage	Dimension	Joint Pipe Bore
XC-01R Series		Amagnetic reed Switch contact	5~240V DC/AC	 XC-01R/XC-01R-QD Dimensions: 7±1, 4.4, 25.4, 1000±20, 25±2, 150±10, 13, 4.1, 4.35±0.1, 4.55±0.1, 5.1, 3.45±0.1	For SDA Φ20~Φ100 (Front fact mounting)
		Contactless NPN transistors	5~30V DC		Most sensitive position
		Contactless PNP transistors			
XC-07R Series		Amagnetic reed Switch contact	5~240V DC/AC	 XC-07R/XC-07R-QD Dimensions: 7±1, 4.4, 25.4, 1000±20, 25±2, 150±10, 10, 4.8, 4.6, 3.05±0.1, 4.65±0.1, 3.05±0.1, R0.5x2, Φ4.25±0.1	For CQ2B Φ20~Φ100 (Front fact mounting)
		Contactless NPN transistors	5~30V DC		Most sensitive position
		Contactless PNP transistors			
XC-15R Series		Amagnetic reed Switch contact	5~240V DC/AC	 XC-15R/XC-15R-QD Dimensions: 7±1, 25±2, 1000±20, 190±10, 7, 7, 7, 22, 8, 7, 7, 22, Most sensitive position	For Round Cylinder
		Contactless NPN transistors	5~30V DC		
		Contactless PNP transistors			
XC-20R Series		Amagnetic reed Switch contact	5~240V DC/AC	 XC-20R/XC-20R-QD Dimensions: 7±1, 12.2, 28, 1000±20, 25±2, 150±10, 13, 11.1, 13, Most sensitive position	For Round Cylinder
		Contactless NPN transistors	5~30V DC		PM Fixed clamping device PAC Fixed clamping device PAB Fixed steel belt PN Fixed steel belt PI Fixed clamping device
		Contactless PNP transistors			
XC-36R Series		Amagnetic reed Switch contact	5~240V DC/AC	 XC-36R/XC-36R-QD Dimensions: 7±1, 6.1, 29.2, 1000±20, 25±2, 150±10, 13, 5.2, 5.4±0.1, 4.35±0.1, 6.2±0.1, 8.2±0.1, Most sensitive position	For XHZ, XHY Cylinder
		Contactless NPN transistors	5~30V DC		
		Contactless PNP transistors			
XC-17R Series		Amagnetic reed Switch contact	10~28V DC	 Dimensions: 27.6, 8, 2000±20, 7±1, 25±2, 35, max.induction point	For Round Cylinder
		Contactless NPN transistors	5~30V DC		Inductive switch Link screw Bracket Tighten screw
		Contactless PNP transistors			
XC-27R Series		Amagnetic reed Switch contact	10~28V DC	 Dimensions: 33.8, 16.2, 2000±20, 25±2, 7±1, 4.6±0.1, 16.2, 2000±20, 25±2, 7±1, max.induction point	For Round Cylinder
		Contactless NPN transistors	5~30V DC		Inductive switch Lock nut Tighten screw Barrel
		Contactless PNP transistors			

## BK / PBN / PN Series Clamp

### BK Series Clamp

Clamp is designed for mounting XC-03 series sensor on Φ6 bore and above round cylinder

Product	Dimension	Mounting			
	 Dimensions: 13.4, 14.5, 11.8, 8	<b>Step 1</b> 1. Release the screw up 2. Make the screw within the collect	<b>Step 2</b> 1. Put one end of the band to the hanger 2. Install the switch and strain the metal band. 3. Another end of the band to the hanger and make mark.	<b>Step 3</b> 1. Cut the metal band at the opposite face of the marked position	<b>Step 4</b> 1. Put the metal band on the marked position. 2. Install the switch, lock the screw. 3. Finally lock the screw nut.
			Mark here	Mark	Cut line

BK-81: For round cylinder and tie-rod cylinder Φ6-Φ63.

BK-82: For round cylinder and tie-rod cylinder Φ6-Φ125. (Speed design for ≥Φ125)

### PBN Series Clamp

Clamp is designed for mounting XC-21 series sensor on Φ12 bore and above round cylinder

Product	Dimension	Mounting			
	 Dimensions: 20, 11, 12.2, 8	<b>Step 1</b> 1. Release the screw up 2. Make the screw within the collect	<b>Step 2</b> 1. Put one end of the band to the hanger 2. Install the switch and strain the metal band. 3. Another end of the band to the hanger and make mark.	<b>Step 3</b> 1. Cut the metal band at the opposite face of the marked position	<b>Step 4</b> 1. Put the metal band on the marked position. 2. Install the switch, lock the screw. 3. Finally lock the screw nut.
			Mark here	Mark	Cut line

### PBN Series Clamp

Clamp is designed for mounting XC-21 series sensor on Φ12 bore and above round cylinder

Product	Dimension	Mounting			
	 Dimensions: 15.5, 9, 15.5, 9	<b>Step 1</b> 1. Release the screw up 2. Make the screw within the collect	<b>Step 2</b> 1. Put one end of the band to the hanger 2. Install the switch and strain the metal band. 3. Another end of the band to the hanger and make mark.	<b>Step 3</b> 1. Cut the metal band at the opposite face of the marked position	<b>Step 4</b> 1. Put the metal band on the marked position. 2. Install the switch, lock the screw. 3. Finally lock the screw nut.

PN — S 20  
 12: Round cylinder Φ12  
 16: Round cylinder Φ16  
 150: Round cylinder Φ150  
 S: Stainless steel round cylinder  
 A: Aluminum round cylinder