



- •由密封玻璃管、电极和水银组成;
- •通过水银的流动特性来实现电路的通断,自由角度,灵活控制;
- •高温烧制,可以做成任何形状;
- 广泛应用于水位液位控制、报警装置、检测装置、通讯设备、仪器仪表等 领域作信号传递及控制用。
- It is composed of sealed glass tube, electrode and mercury;
- Circuit on&off, free angle, flexible control can be achieved by liquidity of mercury;
- High temperature fire and making, it can be make any Shape;
- Widely used on control of water level (liquid level), warning device, checkout gear, communication equipment, instrumetation and etc to transmit signal and control.



□ 型号含义 Model & Meanings



□ 工作原理 Work Principle



□产品结构图 Product Structure



注 Note: 本系列产品因采用玻璃外壳和水银作开关 元素,使用时请勿撞击或使之跌落,以免 造成产品损坏以及人身安全(水银对人体 有一定危害性)

This series products use glass shell and mercury as the switch elements. In the application of this product, please do not make it crack or drop to avoid products damage and personnel safety. (Because mercury may cause harm to human body)



□ 技术参数 Specification

PZ-101		·PZ-201			
	直 径 Diameter	-	直	径 Diameter	Φ9±0.5mm
E	长 度 Length 8.5-9.5mm	2	长	度 Length	$27\pm1{ m mm}$
	工作角度 Operating Angle 5-10°		工作角度	Operating Angle	16°
	额定电压 Rating Voltage 20V	ALL	额定电压	Rating Voltage	220V
	· 额定电流 Rating Current 0.3A			Rating Current	1A
	-介质耐压 Withstand Voltage 200VAC		- 介质耐压	Withstand Voltag	e 2000VAC
Z-102		·PZ-202			
	直径 Diameter Ф4.3-4.7mm		直	径 Diameter	Φ11.5±0.5m
	长度 Length 12-13mm	(A)	长	度 Length	$37\pm1\mathrm{mm}$
A B	工作角度 Operating Angle 5-10°		工作角度	Operating Angle	10°
	额定电压 Rating Voltage 20V		额定电压	Rating Voltage	220V
	· 额定电流 Rating Current 0.5A			Rating Current	2A
//	-介质耐压 Withstand Voltage 200VAC		- 介质耐压	Withstand Voltag	e 2000VAC
Z-103		·PZ-203			
	直 径 Diameter Φ5.7-6.2mm		直	径 Diameter	Φ13±0.5m
	长度Length 19-20mm	51	<u>世</u> 长	度 Length	43±1mm
G	工作角度 Operating Angle 5-10°	(n)		Operating Angle	6°
1211	额定电压 Rating Voltage 20V			Rating Voltage	220V
10	· 额定电流 Rating Current 0.8A			Rating Current	-3A
//	-介质耐压 Withstand Voltage 200VAC	1	<u>- 介质耐压</u>	Withstand Voltag	e 2000VAC
 Z-205(万向导通Omr	idirectional Breakover)	·PZ-204			
	直径 Diameter		直	径 Diameter	Φ10±0.5m
	长度 Length 14-15mm	and the second	 长	 度 Length	35±1mm
MA	工作角度 Operating Angle 30-60° 额定电压 Rating Voltage 20V	a la		Operating Angle Rating Voltage	9° 220V
and the second s	· 额定电流 Rating Current 0.8A		额定电流	Rating Current	5A
	IXXE BUIL Rating current of on		ヘビジロ	Withstand Voltag	2000VAC
	介质耐压 Withstand Voltage 200VAC		- 介 庾 刪 庄 	- Withstand Voltag	
Z-201A		·PZ-205	一行與明法	withstand voitag	
Z-201A	-介质耐压 Withstand Voltage 200VAC	·PZ-205	- 介质剛広 	希 Diameter	
Z-201A	-介质耐压 Withstand Voltage 200VAC	·PZ-205			Φ8.5±0.5
Z-201A	<u> 介质耐压 Withstand Voltage</u> 200VAC 直径 Diameter Φ7±0.5mm	·PZ-205	直 长	径 Diameter	Φ8.5±0.5
Z-201A	介质耐压 Withstand Voltage200WAC直径 DiameterΦ7±0.5mm长度 Length24±1mm	·PZ-205	直 长 工作角度	径 Diameter 度 Length	Φ8.5±0.5 28.5±0.5m
Z-201A	介质耐压 Withstand Voltage 200VAC 直 径 Diameter Φ7±0.5mm 长 度 Length 24±1mm 工作角度 Operating Angle 16°	·PZ-205	直 长 工作角度 额定电压	径 Diameter 度 Length Operating Angle	Φ8.5±0.5 28.5±0.5m 16°
Z-201A	介质耐压 Withstand Voltage 200VAC 直 径 Diameter Φ7±0.5mm 长 度 Length 24±1mm 工作角度 Operating Angle 16° 额定电压 Rating Voltage 220V	·PZ-205	直 长 工作角度 额定电流 额定电流	径 Diameter 度 Length Operating Angle Rating Voltage	Φ8.5±0.5 28.5±0.5π 16° 220V 5A
Z-201A	介质耐压 Withstand Voltage 200VAC 直 径 Diameter Φ7±0.5mm 长 度 Length 24±1mm 工作角度 Operating Angle 16° 额定电压 Rating Voltage 220V 额定电流 Rating Current 2A	·PZ-205	直 长 工作角度 额定电流 额定电流	径 Diameter 度 Length Operating Angle Rating Voltage Rating Current	Φ8.5±0.5 28.5±0.5π 16° 220V 5A





PZ-206		·PZ-212			
	直 径 Diameter Φ11±0.5	mm	直	径 Diameter	Φ 12.5±0.5m
	长 度 Length 48±1mm		长	度 Length	$41\pm1{ m mm}$
	工作角度 Operating Angle 5° 额定电压 Rating Voltage 220V	_	额定电	度 Operating Angle 压 Rating Voltage	5° 220V
	· 额定电流 Rating Current 10A - 介质耐压 Withstand Voltage 2000VAC			流 Rating Current 压 Withstand Voltag	3A æ 2000VAC
PZ-208		•PZ-214			
	直 径 Diameter Φ13±0.5	mm 💫	直	径 Diameter	Φ13.5±0.5m
Ten ?!	长 度 Length 38±1mm		长	度 Length	62 ± 0.5 mm
	工作角度 Operating Angle 9°		工作角	度 Operating Angle	9°
Charles and the second	额定电压 Rating Voltage 220V	_	额定电	压 Rating Voltage	220V
	· 额定电流 Rating Current 5A	_		流 Rating Current	10A
	- 介质耐压 Withstand Voltage 2000VAC	_	<u>- 介庾</u>	压 Withstand Voltag	e 2000VAC
PZ-209		·PZ-215			
	直 径 Diameter Φ12±0.5		直	径 Diameter	Φ10±0.5mm
A	长度Length 47±1mm		<u>且</u> 长	度 Length	34±1mm
	工作角度 Operating Angle 8°			度 Operating Angle	
	额定电压 Rating Voltage 220V	/ / /		压 Rating Voltage	220V
9	·额定电流 Rating Current 3A -介质耐压 Withstand Voltage 2000VAC			流 Rating Current 压 Withstand Voltag	5A e 2000VAC
 PZ-210A		·PZ-216			
12 210/	古		-	/Ζ. D.	
	直径 Diameter $\Phi 9.5 \pm 0.$ 长度 Length $47 \pm 1 \text{mm}$	bmm	直 长	径 Diameter 度 Length	Φ 12 \pm 0.5mm 37 \pm 1mm
R	长度Length 47±1mm 工作角度 Operating Angle 8°			度 Operating Angle	37 ± 1mm 9°
	额定电压 Rating Voltage 220V			压 Rating Voltage	220V
9	· 额定电流 Rating Current 3A 3A	— (() · · · · · · · · · · · · · · · · ·	额定电	流 Rating Current	1A
	人 氏 开 I I I I I I I I I I I I I I I I I I	_	介质耐	压 Withstand Voltag	e 2000VAC
	-介质耐压 Withstand Voltage _2000VAC	—			
PZ-211	- 카戸東朝元生 Withstand Yoitage 2000VAC				
PZ-211		·PZ-217		(1 p)	
PZ-211	直径 Diameter 中13±0.5		直	径 Diameter	Φ12±1mm
PZ-211	直径Diameter Φ13±0.5 长度Length 52±1mm		长	度 Length	$37\pm1\mathrm{mm}$
PZ-211	直径Diameter Φ13±0.5 长度Length 52±1mm 工作角度Operating Angle 9°		长工作角	度 Length 度 Operating Angle	37±1mm 9°
PZ-211	直径Diameter Φ13±0.5 长度Length 52±1mm		长 工作角 额定电	度 Length	$37\pm1\mathrm{mm}$
PZ-211	直径Diameter Φ13±0.5 长度Length 52±1mm 工作角度Operating Angle 9° 额定电压 Rating Voltage 220V		长 工作角 额定电	度 Length 度 Operating Angle 压 Rating Voltage	37±1mm 9° 220V 1A
PZ-211	直 径 Diameter Φ 13±0.5 长 度 Length 52±1mm 工作角度 Operating Angle 9° 额定电压 Rating Voltage 220V 额定电流 Rating Current 10A		长 工作角 额定电	度 Length 度 Operating Angle 压 Rating Voltage 流 Rating Current	37±1mm 9° 220V 1A





PZ-218	·PZ-223	
	直 径 Diameter	直 径 Diameter Φ13±1mm
1	长 度 Length 38±1mm	长 度 Length 34±1mm
	工作角度 Operating Angle 9°	工作角度 Operating Angle 9°
	额定电压 Rating Voltage 220V	
	- 额定电流 Rating Current 1A - 介质耐压 Withstand Voltage 2000VAC	· 额定电流 Rating Current 1A 介质耐压 Withstand Voltage 2000VAC
Z-219	•PZ-228	
and a	直 径 Diameter Φ10±0.5mm	直径 Diameter 中11±0.5m
T	长 度 Length 25±1mm	长度Length 48±1mm
	工作角度 Operating Angle 5°	工作角度 Operating Angle 10°
. 5	额定电压 Rating Voltage 220V 等定性法 Putie 2	额定电压 Rating Voltage 220V
	- 额定电流 Rating Current 1A - 介质耐压 Withstand Voltage 2000VAC	· 额定电流 Rating Current 1A - 介质耐压 Withstand Voltage 2000VAC
Z-220	•PZ-229	
	直 径 Diameter Φ 10.5±0.5mm	直 径 Diameter Φ8±0.5mm
	长度 Length 48±1mm	长度 Length 30±1mm
1	工作角度 Operating Angle 7°	工作角度 Operating Angle 15°
	一额定电压 Rating Voltage 220V	额定电压 Rating Voltage 220V
EC.	- 额定电流 Rating Current 5A - 介质耐压 Withstand Voltage 2000VAC	· 额定电流 Rating Current 3A - 介质耐压 Withstand Voltage 2000VAC
•		
Z-221	•PZ-230	
	直 径 Diameter Φ13±0.5mm	▲
6	长度 Length 58±1mm	长 度 Length 24±1mm
A. 17 1	工作角度 Operating Angle 20°	工作角度 Operating Angle 10°
	额定电压 Rating Voltage 220V	额定电压 Rating Voltage 220V
	· 额定电流 Rating Current 1A	· 额定电流 Rating Current 1A
	- 介质耐压 Withstand Voltage 2000VAC	-介质耐压 Withstand Voltage 2000VAC —
Z-222		
120	直径Diameter $\Phi 10 \pm 0.5 mm$ 长度Length $45 \pm 1 mm$	直 径 Diameter $\Phi 10 \pm 0.5 m$ 长 度 Length $20 \pm 1 mm$
23	工作角度 Operating Angle 10°	工作角度 Operating Angle 30-60°
	初定电压 Rating Voltage 220V	初定电压 Rating Voltage 220V
4	· 额定电流 Rating Current 3A	· 额定电流 Rating Current 2A
(A)	- 介质耐压 Withstand Voltage 2000VAC	- 介质耐压 Withstand Voltage 2000VAC





PZ-232		·PZ-302	
	直径 Diameter Φ7±0.5mm	直 径 Diameter Φ12	2±0.5m
	长 度 Length 12±1/26±1mm	长度 Length 55±	1mm
N	工作角度 Operating Angle 100°	工作角度 Operating Angle 10°	
	一额定电压 Rating Voltage 220V	-	
a	- 额定电流 Rating Current 5A - 介质耐压 Withstand Voltage 2000VAC	· 新定电流 Rating Current 10A - 介质耐压 Withstand Voltage 2000	VAC
27-233(万向关断Or	nnidirectional Disconnection)	·PZ-303	
	$\underline{1}$ $\underline{4}$ $\underline{1}$		$2 \pm 0.5 \text{m}$
A.	长 度 Length 18±1mm 工作角度 Operating Angle 30-60°	长度Length 37± 工作角度 Operating Angle 7°	1mm
de	额定电压 Rating Voltage 220V	新定电压 Rating Voltage 220V	
1.50	· 额定电流 Rating Current 1A	初定电流 Rating Current 5A	
	-介质耐压 Withstand Voltage 2000VAC	- 介质耐压 Withstand Voltage 2000	VAC
 ?Z-235(万向导通Or	nnidirectional Breakover)	·PZ-304	
	直 径 Diameter	直 径 Diameter Φ10)±0.5m
	长 度 Length 25±1mm	长度 Length 49±	1mm
1 Alexandre	工作角度 Operating Angle 30-60°	工作角度 Operating Angle 10°	
	额定电压 Rating Voltage 220V	额定电压 Rating Voltage 220V	
	·额定电流 Rating Current 2A -介质耐压 Withstand Voltage 2000VAC	· 额定电流 Rating Current 3A - 介质耐压 Withstand Voltage 2000	VAC
Z-238		·PZ-305	
	直 径 Diameter $\Phi7\pm0.5mm$		±0.5m
	长 度 Length 48±2/60±2mm	长 度 Length 36±	1mm
	工作角度 Operating Angle 65°	工作角度 Operating Angle 20°	
A F	额定电压 Rating Voltage 220V	额定电压 Rating Voltage 220V	
1 bas	- 統定电流 Rating Current 2A - 介质耐压 Withstand Voltage 2000VAC	一一一一一一一一一一一一一一一一一一一一一一一一一一一一一一一一一一一一一	VAC
Z-301		·PZ-310	
2 001			
-3	直 径 Diameter $\Phi 11 \pm 0.5 \text{mm}$ 长 度 Length $48 \pm 1 \text{mm}$		±0.5mm
	长度 Length48±1mm工作角度 Operating Angle5.5°	长度Length 30± 工作角度 Operating Angle 2°	TWW
	立下市及 Operating Angle 5.5	新定电压 Rating Voltage 220W	
	新定电流 Rating Voltage 220V 新定电流 Rating Current 10A	一 额定电流 Rating Virtage 220V 额定电流 Rating Current 1A	
			WAC
1	- 介质耐压 Withstand Voltage 2000VAC	介质耐压 Withstand Voltage 2000 ○ ○ ○ ○ ○ ○ ○ ○ ○ □ ○ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	





All	直径 Diameter 中11.5±0.5mm		直 径 Diameter Φ12±0.
1 and the second	1/ EX 1 · ·		
The second se	长 度 Length 35±1mm	1	长 度 Length 50±1mm
	工作角度 Operating Angle 7°	D	工作角度 Operating Angle 15°
	额定电压 Rating Voltage 220V		额定电压 Rating Voltage 220V
and the second s	· 额定电流 Rating Current 2A	"Figure	· 新定电流 Rating Current 5A
	-介质耐压 Withstand Voltage 2000VAC	11	- 介质耐压 Withstand Voltage 2000VAC
Z-402		·PZ-601	
(Proved)	直径 Diameter		直 径 Diameter Φ11±0.
A A	长度 Length 65±1mm	6	长 度 Length 52±1mm
	工作角度 Operating Angle 10°	1	工作角度 Operating Angle 60°
	额定电压 Rating Voltage 220V	23	额定电压 Rating Voltage 220V
CX S	· 额定电流 Rating Current 6A 6A	12 Martin	· 额定电流 Rating Current 2A
	- 介质耐压 Withstand Voltage 2000VAC		- 介质耐压 Withstand Voltage 2000VAC-
	直径 Diameter Φ8±0.5mm 长度 Length 37±1mm	Â	直径Diameter Φ10±0. 长度Length 79±1mm
	工作角度 Operating Angle 16°		工作角度 Operating Angle 40+60°
	额定电压 Rating Voltage 220V		额定电压 Rating Voltage 220V
and the second sec	· 额定电流 Rating Current 1A	R	· 额定电流 Rating Current 2A
	- 介质耐压 Withstand Voltage 2000VAC	T	-介质耐压 Withstand Voltage 2000VAC
Z-404			
	直 径 Diameter Φ12±0.5mm		
	正任 Drameter 中12±0.5mm 长度 Length 48±1mm		
	工作角度 Operating Angle 15°		
	新定电压 Rating Voltage 220V		
	· 额定电流 Rating Vortage 220V		
1 Starter	· 介质耐压 Withstand Voltage 2000VAC		
	TIME IT HIS CARD TO SALE 2000THC		
	TABLE - LONGARD FOLGE - 2000 NO		

本产品分为A型、B型两种,两种结构相同,只是电缆引出方向 及拨杆方向相反。A型安装于皮带左侧,B型安装于皮带右侧。 一般情况下,两种是配套使用,如需其中一种同样可以供应,电 缆长度可增可减。

The products are divided into A and B types. Two types' structure is the same, Only the cable outlet and lever direction is the opposite. A type mounted on the left side of the belt, B type mounted on the right side of the belt. Usually, the two types are supporting the use, if need one, can also be supply, Cable length can be increased or reduced.

□ **用途** Application

本产品专用于钢丝绳牵引皮带运输机在运行中发生掉绳、掉带、断带故障时,能及时停机,避免事故。

This product is designed for wire rope pull belt conveyor happed running out of Rope, fall belt, broken belt failure, can timely stop to avoid the accident.

□ 使用说明 Operation Instruction

本产品可根据钢带机运行情况,逐架或隔架安装在钢带机托轮 架上,拔杆指向皮带运行方向,并使拔杆横端置于钢丝绳下方 3-5cm处,将开关体与座的卡槽插牢。一旦发生掉绳、掉带等 故障时拔杆受压将开关体从卡槽中拉出向下翻转,水银开关断 开,发出故障信号,或直接使电机接触器线圈断电从而使钢带 机及时停止运行而得到瓮中保护。

This product can be mounted by rack or shelf on belt conveyer, Pull the lever pointing the direction of the belt, Make the lever's transver end put below the belt 3-5cm side. And inserted firmly the card slot of the switch body and base. Once off the rope, fall belt happed, lever under pressure will flip down the switch body pulled from the card slot. The mercury is cut off, will send a fault signal, or directly made motor contactor Coil Power off, So the strip machine timely stop running and get the urn protected.

□ 技术参数 Technical Specification

产品型号	Product model	PZ-21
额定电压	Voltage rating	220VAC
额定电流	Current rating	3A
动作压力	Operating force	≥2Kg
工作角度	Operating angle	180°
触点形式	Contact form Protection degree	NC/NO
防护等级	Contact resistance	IP67
接触电阻	Medium withstand voltage	$\leq 200 \mathrm{m}\Omega$
介质耐压	Insulating resistance	≥2500VAC
绝缘电阻	Operating temperature	$\geq 100 M \Omega$
工作温度		−25−80°C



安装位置及工作原理 Installed position and working Principle

当皮带如图示方向运行时,远侧安装B型,近侧安装A型 When the belt running direction as shown, Far side Installation B type, Near-side installation A type.





本开关系采用IC-215型水银开关以环氧树脂固封在聚乙烯外 壳中,并将引出电缆一端同时封在其中成为全封闭式开关, 在化工厂酸碱车间及矿井高湿度作业区具有很好的防水防腐 能力。

This Switch adopt PZ-215 type mercury switch, With epoxy resin fixed outside the polyethylene In the shell, will lead to one of the cable end, At the same time become fully enclosed switch. Acid and alkali plant in chemical plant and mine in the high humidity areas has very good waterproof anti-corrosion Ability.



XURUI

□ **用途** Application

本开关是参照国外矿用绞车安全门开关的同类产品,它结构 简单,价格低廉,可直接固定在机械的传动部件上,做位置 信号或定位控制用。

This switch is referring to the similar products of foreign mining winch the security switch, its structure is Simple, low cost, can be directly fixed on the mechanical transmission parts, are widely used in Signal or positioning control.

□ 使用说明 Operation Instruction

根据开关工作位置打出安装孔用螺钉将开关固定,固定时开 关下应垫上一层 5mm 厚的橡胶片,固定螺钉不宜扭得过紧, 以免挤裂环氧树脂。

通电前应将开关向接通方向大角度倾斜一次,使水银充满水 银开关的电极杯,以免电极在大电流下与水银直接接触产生 火花而烧蚀电极使电极氧化而增大接触电阻。

According to the switch work position with mounting holes use screws to fix the switch, The switch should be with a 5 mm thick layer of rubber piece when it should have been to be fixed. Set screw shoulds not be too tight, in order to avoid cracked epoxy resin. The switch should to connect large angle to a direction before electricity, the mercury is full of water Silver electrode of the switch. In order to avoid the electrode in large electrical flow has Direct contact with mercury Spark, and ablation electrode increased by oxidation of electrode contact resistance.

□ 技术参数 Technical Specification

产品型号	Product model	PZ-22
额定电压	Voltage rating	220VAC
额定电流	Current rating	3A
工作角度	Operating angle	15°
触点形式	Contact form	NO
防护等级	Protection degree Contact resistance	IP67
接触电阻	Medium withstand voltage	$\leq 200 \text{m} \Omega$
介质耐压	Insulating resistance	≥2500VAC
绝缘电阻	Operating temperature	≥100MΩ
工作温度		−25−80°C

□ 外形安装尺寸及结构图

Outshape mounting & Product Structure





本开关系采用ABS塑料外壳以密封在环氧树脂内的水银开关 做触点,具有极好的防潮、防腐能力,可完全不考虑水、尘 瓦斯及酸碱气体的影响。

The Switch use ABS plastic shell and use the epoxy resin sealed mercury switch as contact, has excellent moisture, corrostion resisitance, can not be considered the impact of water, dust, gas and acid-base gas.

□ 用途 Application

本开关是参照国外同类产品并加以改进的矿用开关,供矿山、 化工生产单位作井口安全门煤仓箕门等处作行程控制及发生 位置信号用。

This switch is mine switch, reference to similar foreign products. It is used for mining, control and the occruence of stroke position signal In chemical production for wellhead safety door, etc.



小形安装尺寸及工作位置 Outshape mounting & working position

□ 使用说明 Operation Instruction

为便于定位,开关的两个安装孔中有一个设计成弧形,这样 可使开关在安装后作左右40°的偏转,以选择最佳工作点,然 后将螺栓拧紧即可。

For easy positioning, One of the two mounting holes is designed to be curved. So can make a deflection of about 40 after installation, I n order to select the optimal operation point, then tighten the bolts.

□ 技术参数 Technical Specification

产品型号 Product model	PZ-31
额定电压 Voltage rating	220VAC
额定电流 Current rating	3A
工作角度 ^{Operating angle}	10°
触点形式 Contact form	1NC1NO
Protection degree 防护等级 Contact resistance	IP67
接触电阻 Medium withstand voltage	$\leqslant 200 \text{m}\Omega$
介质耐压 Insulating resistance	≥2500VAC
绝缘电阻 Operating temperature	$\geqslant 100 M \Omega$
工作温度	−25−80°C



顺时偏转10°时的触头状态 deflect C.W. contact state

逆时偏转10°时的触头状态 deflect C.C.W. contact state

本开关系利用水银开关作电触头,与具有较高强度的铝合金 隔爆外壳组装而成,具有工作可靠,轻巧耐用等特点,特别 适合于一般机械触头开关不能胜任的恶劣环境场合。矿用防 爆水银开关的安装及动作原理与一般限位开关基本相同,使 用更加方便。

This switch Using mercury switch as a electric contact, It's consisted of high strength aluminum alloy explosion-proof enclosure, With reliable work, Lightweight and durable, etc. Particularly suitable for general mechanical contactor switch which is not up to a bad situation. The Installation and principle of action for explosion-proof mercury switch is basically the same as general limit switches. It is more convenient for use.



XURUI

□ 用途 Application

防爆水银限位开关适用于矿井,油库化工厂等具有一级可燃 可爆性气体或粉尘、潮湿及有腐蚀性介质的环境,作运动机 械的限位、保护、信号、位置检测自控用。如:矿井井筒吊 罐车的停车、过卷保护;推车机、翻车机的位置检测及控制 煤仓箕门的开关信号以及皮带运输机的跑偏、断带保护等。

Explosion-proof Limit mercury switch is suitable for mine and Oil chemical plant Such as with level of com bustible gas, or Dust, moisture and corrosive medium environment, as uesd in exercise mechanical limit, protection, signal, position detection control. Such as: The mine shaft hoisting, tank car parking, overwinding protection; The pusher, the position detection and control of the dumper Coal basket door switch signals and belt conveyor running deviation, strip break protection, etc.

小形安装尺寸及工作位置 Outshape mounting & working position

产品型号	Product model	BLY1-5/111	BLY1-5/211
额定电压	Voltage rating	127VAC/110VDC	
额定电流	Current rating	2A AC/2A DC	
动作方式	Operating force	顺时针 C.W.	逆时针 C.C.W.
工作角度	Operating angle	30°	
触点形式	Contact form Protection degree	1NC1NO	
防护等级	Contact resistance	IP67	
接触电阻	Medium withstand voltage	$\leqslant 200 \text{m}\Omega$	
介质耐压	Insulating resistance	≥2500VAC	
绝缘电阻	Operation frequency	$\geq 100 M \Omega$	
操作频率	Ingoing cable diameter	≤600次/小时	
引入电缆外径	Operating temperature	Ф14-19mm	
工作温度		-25-80℃	

□ 外形安装尺寸及工作位置 Outshape mounting & working position

