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### ELECTRONIC CONTROL SYSTEM



### 1 KDW127/12 FLAMEPROOF AND INTRINSICALLY SAFE DC POWER SUPPLY

#### **Product Description**

Use the flameproof and intrinsically safe explosion-proof technology, with the following functions: wide power input range, low power consumption, input OV protection, double check rapid OC and LV protection, startup with load and automatic reset, etc.

### Technical parameters:

Input voltage:		95~240V AC
Output voltage:		12V DC(dual-circuit)
Maximum output	t current.	1.45 A
Explosion-proof n	nark:	Exd[ib] I Mb
Protection class:		IP65
Quality:		13Kg
Dimension:	365mr	n×269mm×95mm
	1	ength*width*height)



## 2 SA ISOLATION ADAPTER

### **Product Description**

Use the optical isolation technology to completely isolate the signal between left and right receiver and emitter in electrical and supply power, and magnify, transmitting left and right signals through optical transferring, receiving and emitting technologies. Left and right sides can be used for date receiving or emitting, both can fulfill bi-directional data communication.

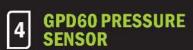
### Technical parameters:

Input voltage:	12V DC
Output voltage:	≤20mA
Explosion-proof n	nark: Exib I Mb
Protection class:	IP68
Quality:	1.2Kg
Dimension:	212mm×70mm×41mm
	(length*width*height)









### **Product Description**

Use the non-master-slave network design, jobsite CAN busbar technology and micro-single chip integrated circuit technology; integrate multi-channel solenoiddriven interfaces with integration and expansibility; has the following characteristics: flash disk busbar updating, Chinese operation indication, friendly HMI, etc.

Working voltage:	12 V DC
Working current:	≤300mA
Transducer interf	ace: 3
Driven interface:	6 (12 functions, can be
	extended to 34 functions)
Explosion-proof m	ark: Exib I Mb
Protection class:	IP68
Quality:	8.3Kg
Dimension:	270mm×171mm×96mm
	(length * width * height)

### **Product Description**

Used for detecting the bracket stand column intra-cavitary pressure. Interior has the low drift magnifier with temperature compensation and advanced hot melting technology.

Technical parame	ters:
Working voltage:	12 V DC
Working current:	≤20mA
Measuring range:	0~60MPa
Accuracy class:	1st class
Explosion-proof mark:	EXib I Mb
Protection class:	IP68
Quality:	0.4Kg
Dimension:	φ 32mmx123mm
	(diameter*length)



### GUD700 DISPLACEMENT SENSOR

### **Product Description**

Installed inside the bracket displacement jacking. The measuring probe is installed inside the special steel tubes, controlled by the solenoidvalve installed inside the piston rod. Maintainable, easy to installation and disassembly.

Working voltage:	12V D0
Working current:	≤20m/
Measuring range:	0∼700 mn
Resolution:	3mn
Explosion-proof mark:	Exib I Mi
Protection class:	IP68
Quality:	1.2K
Dimension:	φ <b>22mm×82</b> 5mn
	(diameter*length

### **Product Description**

Always installed on the hydraulic bracket stand column facing the infrared emitter on mining machine, and they are at the same height. When the mining machine passes, it will receive its infrared signal to determine its position.

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## 7 FHF5 INFRARED EMITTER





#### **Product Description**

Provide the infrared signal for the infrared ray receiver sensor. Installed on the mining machine, facing the infrared emitter on mining machine, and they are at the same height.

Working voltag	e:	12V DC
Signal emitting	range:	40° × 5m
Explosion-proof	mark:	Exib I Mb
Protection clas	S:	IP68
Quality:		5Kc
Dimension:	225mm×	100mm×61mm
	(length	* width * height

### **Product Description**

Use the serial communication technology and intelligent control technology, automatically distinguish various control signal emitted from the bracket controller, so as to control or driven the opening or closing of relative solenoid pilot valve.

### Technical parameters:

Working voltage		12V DC
Driven output:		22 channel
Driven capacity	of each channel:	12VDC/200mA
Explosion-proof	mark:	Exib I Mb
Protection class	5:	IP68
Quality:		2Kg
Dimension:	347 mm×6	8.5 mm×25 mm
	(lengti	* width * height)

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### KJD127 FLAMEPROOF INTRINSICALLY SAFE COMPUTER

### **Product Description**

Use the advanced embedded computer technology; used for remote detection and monitoring of status data of down hole control equipment.

# Technical parameters: Working voltage: 127V AC I/O interface: RS232/1 channel, 485/1 channel USB/2 channel, RJ45/1 channel Operation system: Windows XP/Windows 7 Explosion-proof mark: Exd [ib] Mb Protection class: IP65 Quality: 39Kg Dimension: 420 mm×350mm×195 mm [length \* width \* height]



## 10 LCYVB4 STEEL WIRE BRAIDED RUBBER SHEATH CONNECTOR

### **Product Description**

Use double layer steel wire braider rubber sheath structure, with very strong protection performance and strong strength of extension. The connector plug can be rotated nearly 360 degree, facilitating installation in different positions.

# Technical parameters: Strength of extension: >3000N Bending semi-diameter: >128mm Distributed inductance: ≤0.8mH/Km Distributed capacitance: ≤0.06uF/Km Protection class: IP68



VARIOUS TYPES OF MINE COMMUNICATION CABLE

### Product Description

 $\label{thm:continuous} Use \ leading-in\ clamp\ sealing\ structure\ with\ very\ strong\ protection\ performance.$ 

Distributed inductance:	≤0.8mH/Km
Distributed capacitance:	<0.06uF/Kır
Protection class:	IP68