

KJ370-F (B) Intrinsically Safe Sub-station for Coal Mines



Application:

KJ370-F (B) Intrinsically Safe Sub-station for Coal Mines (referred to as sub-station) is the key component of coal mine safety production monitoring system. It supports analog data sampling, digital data sampling, switching value sampling, transmission, storage control etc. The sub-station can interrupt the power and sound the alarm (sensor end) when the methane concentration is excessive.

Features:

- ⊙ A 4.3" true color TFT LCD screen is used to display all monitoring channel information at the same time.
- ⊙ The built-in intelligent sensor analysis function supports automatic diagnosis, automatic calibration and intelligent analysis of intelligent sensors.
- ⊙ Integrated network switch supports network cascading, automatic topology, automatic discovery and direct communication between sub-stations;
- ⊙ Supports remote power interrupt;
- ⊙ The sub-station can transmit the measured parameters and working status of each sensor to the ground central station in real time;
- ⊙ The sub-station can transmit the measured parameters and working status of each sensor to the ground central station in real time;
- ⊙ The sub-station has the function of initialization parameter setting and power failure protection.

Technical parameters:

- ⊙ Power supply:
 - rated operational voltage 12 V DC, fluctuation allowance (9~24) V DC;
- ⊙ Input signal type
 1. Analog: (200~1000)Hz
 2. Digital: RS485 main line
 3. Switching: 1mA/5mA of switch signal
- ⊙ Control output
 1. Signal level: $\geq 9V$ at high, $\leq 0.5V$ at low
 2. RS485, baud rate: 2400bps (1200 bps, 2400 bps, 4800 bps, 9600 bps)
- ⊙ Working voltage signal peak: $\leq 5V$

KJ370-F(B) 矿用本安型分站