XK3190-P8/C8G
WEIGHING INSTRUMENT





C8G

XK3190-P8 weighing display control instrument adopts MCS51 single-chip microprocessor and high-speed A/D conversion technology, which can accurately realize the conversion, display and transmission of weight signals. Applicable to a variety of high-precision weighing control sites.

- Panel-type and dust-proof enclosures are optional, suitable for various installation scenarios.
- Storage, inspection, deletion, printing and other processing of weighing data records can be performed on the instrument side,
- Power outage data protection.
- Strong anti-interference ability and high reliability.
- Support weightfree calibration.
- Optional explosion-proof instrument box, explosion-proof certification level: Exd[iaIIC Ga] IIB T6 Gb

Technical Indicators	
Housing, Dimensions, Weight	◎ P8 panel type; instrument size 180×100×102.5mm; hole size 152×77mm; weight: 0.7kg ◎ P8S stainless steel dustproof shell; IP65 protection level; instrument size: 245×109×188mm; weight: about 2kg ◎ C8G explosion-proof instrument box (cast aluminum surface spray); instrument box Housing, Dimensions, Weight ◎ Standard 35mm guide rail installation or screw fixing; instrument size: 77mm×132mm×58mm; shell, size, weight: 0.2kg powered by environment size: 315×300×190mm; weight: about 10kg
Powered By	◎Ac AC 110 ~230VAC, 50/60 Hz (standard configuration) ◎DC DC 12 ~30VDC (optional)
Environment	◎ Working environment: 0~40°C , RH relative humidity ⩽ 90% , non-condensing ◎ Storage and transportation environment: -20~50°C , RH relative humidity ⩽ 90% , non-condensing
Input Type	◎ 1~8 analog load cells ◎ Signal range: -19mV ~ +19mV ◎ Sensor bridge power supply: DC: 5V, 350mA ◎ Six-wire wiring
Precision	◎ Accuracy class: Class III ◎ Maximum verification scale: 3000 ◎ Input sensitivity: 1μV/e ◎ A/D conversion rate: ⩽ 80Hz
Display	◎ 7-bit LED digital tube,Character height 0.5" ◎ 11 status indicator lights ◎ Display division value: 1/2/5/10/20/50/100 ◎ Decimal places: 0~3
Operation	◎ 5 touch buttons/5 explosion-proof jog buttons
Communication	◎ Analog output: 1, 4~20mA/0~5V/0~10V ◎ Serial port: 1 RS232C/RS422/RS485 ◎ Protocol: Modbus-RTU ◎ Baud rate: 600 ◎ 9600bps optional ◎ Printer interface: available by Serial port to serial printer ◎ Large-screen display interface: serial output mode, 20mA constant current source signal
I/O	◎ 3 inputs and 3outputs

XK3190-P801
WEIGHING TRANSMITTER



XK3190-P801 weighing transmitter adopts high-performance CPU and ADC devices, which can accurately realize the conversion, display and transmission of weight signals. It is suitable for various high-precision weighing and batching sites and weighing equipment with multiple nodes and centralized installation.

- The appearance is small and exquisite, which can be densely installed in the control cabinet.
- Strong anti-interference performance, can be used in complex environments.
- Scalable multi-type industrial bus interface (Profibus-DP, Modbus-TCP, CC-Link, CAN expansion Module optional)
- Support weight-free calibration.

Technical Indicators	
Housing, Dimensions, Weight	◎ Standard 35mm guide rail installation or screw fixing; instrument size: 77mm×132mm×58mm; shell, size, weight: 0.2kg
powered by	◎ DC 12 ～ 30VDC
environment	◎ Working environment: 0~40°C , RH relative humidity ⩽ 90% , non-condensing ◎ Storage and transportation environment: -20~50°C , RH relative humidity ⩽ 90% , non-condensing
input type	◎ 1~4 analog load cells ◎ Signal range: -19mV ~ +19mV ◎ Sensor bridge power supply: DC: 5V, 350mA ◎ Six-wire system
precision	◎ Accuracy level: Class III ◎ Maximum number of verification intervals: 3000 ◎ Display accuracy: 1/30000 ◎ Input sensitivity: 1μV/e ◎ A/D conversion rate: ⩽ 80Hz
Display	◎ Main display 6-digit LED digital tube , Character height 0.3" ◎ 6 status indicators ◎ Display scale: 1/2/5/10/20/50 ◎ Decimal places: 0~3
Operation	◎ 5 touch buttons
communication	◎ Analog output: 1, 4~20mA/0~5V/0~10V ◎ Serial port: 1 RS232C, 1 RS485 ◎ Baud rate: Baud rate: 1200 ~ 19200bps optional ◎ Protocol: Modbus-RTU, Expandable Profibus-DP, Modbus-TCP, CC-Link, CAN ◎ Printer interface: serial port can be connected to a serial printer ◎ Large-screen display interface: serial output mode, 20mA constant current source signal
I/O	◎ 3 inputs and 3outputs