BZS-13-P9
WEIGHING INSTRUMENT



BZS-13-P9 is a weighing display controller with high precision, high speed and high stability. It can expand a variety of industrial Ethernet interfaces and industrial bus interfaces, and is suitable for various high-precision, high-speed weighing and batching on-site and dynamic weighing equipment with multiple nodes and centralized installation.

- OLED bright display, Chinese menu, friendly Human-machine interface.
- The A/D conversion rate is 300Hz, which can meet the application of dynamic weighing equipment.
- Rich interfaces, supporting multiple industrial Ethernet and industrial bus communication protocols.
- Support weight-free calibration.
- Optional explosion-proof instrument box, explosion-proof certification level: Exd IIB T6 Gb

Technical indicators	
Shell, Size, Weight	◎ Size 110×60×95mm; hole size 92.5×45.5mm; weight: about 0.6kg
Powered By	◎ DC 9 ~36VDC
Environment	◎ Working environment: 0~40°C , 90% RH relative humidity, non-condensing; ◎ Storage and transportation environment: -20 ~50°C ; RH relative humidity ⩽ 90%, non-condensing
Input Type	◎ 1~8 analog load cells; signal range: -15mV ～ +15mV； ◎ Sensor bridge power supply: DC: 5V, 150； ◎ Six-wire
Precision	◎ Accuracy grade: Class III ◎ Maximum verification division: 3000 ◎ Input sensitivity：1μV/e ◎ A/D conversion rate：⩽ 400Hz
Display	◎ OLED bright display, Chinese operation interface ◎ Maximum display division number 100,000 ◎ Display division value：1/2/5/10/20/50 ◎ Decimal place: 0~4
Operation	◎ 5 touch buttons
Communication	◎ Serial port: 1×RS232C,1×RS485,1×RJ45 ◎ Baud rate: 4800 ～ 115200bps optional ◎ Protocol: ModBus-RTU、ModBus-TCP/IP ◎ Expandable: dual RJ45 interface ProfiNet、dual RJ45 interface EtherNet、ProfiBus DP ◎ Can be connected to a large-screen display through a serial port
I/O	◎ (Optional) 4 inputs and 8 outputs

BZS-13-J1A
WEIGHING INSTRUMENT



BZS-13-J1A weighing display controller adopts high-performance CPU and ADC devices, can expand various bus interfaces, and can accurately realize the conversion, display and transmission of weight signals. It is suitable for various high-speed, high-precision, multi-node weighing control sites.

- OLED bright display, Chinese menu, friendly man-machine interface.
- 17control buttons, easy to operation and easy to set.
- The A/D conversion rate is 337Hz, which can meet the application of dynamic weighing equipment.
- Excellent EMC and RFI performance, strong antiinterference ability,
- Rich interfaces, supporting multiple industrial Ethernet and industrial bus communication protocols.
- Support weight-free calibration.
- Optional stainless steel dustproof shell.
- Optional explosion-proof instrument box, explosion-proof certification level: Exd IIB T6 Gb

Technical indicators	
Shell, Size,Weight	Size: 196 x 102 x 125mm; hole size 163 x 81mm; weight: 1.1kg
Powered By	◎ DC DC 18 ~ 36V DC
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:-15mV~+15mV ◎ Power to load cells:DC 5V,150mA ◎ Six-wire ◎ 1~10 digital load cells,RS485
Precision	◎ Accuracy grade: Class III ◎ Maximum number of verification intervals 3000 ◎ Input sensitivity: 1μV/e ◎ A/D conversion rate: ⩽ 337Hz
Display	◎ OLED highlight dot matrix display, display area 64 x33mm ◎ Maximum display division number 100,000 ◎ Display division value: 1/2/5 ◎ Decimal place: 0~4
Operation	◎ 17 touch buttons
Communication	◎ Analog output: 1, 4~20mA/0~5V/0-10V ◎ Serial port: 1×RS232C，1×RS485，1×RJ45 ◎ Baud rate: 4800 ～ 115200bps optional ◎ Protocol: ModBus-RTU ◎ Expandable: Pro Bus Dp, dual RJ45(ModBus-TCP/IP, Pro Net, EtherNet) ◎ Can be connected to a large screen display through a serial port
I/O	◎ (optional) 4 inputs and 8 output