SK4 / SK4-ANA
Bolter

Digital Indicator

FEATURES

- 2x6 digit LED display
- Built-in weighing, Batching, Peakometer and... modes
- Four relay setpoints
- One digital input command
- Serial port for printing and networking
- Analog output (0-5V / 4-20,0-20,0-24mA) (option)
- Aluminum enclosure
- High sample rate, up to 70 conversions per second
- Multi-range power supply (180-230 VAC or 12-24 VDC)
- 24bit analog to digital converter
- 16bit digital to analog converter (option)

DESCRIPTION

SK4 / SK4-ANA units are versatile, general purpose weight indicators, with a wide-range of industrial and commercial applications.

With four key panel you can enable easy operation, calibration, and setup of the instrument. The serial printer interface allows weight print. You can setup a wide range of automation projects with these units and use 4 inside setpoint relays. In addition SK4-ANA provide you a standard analog output to connect it to other automation control parts such as PLCs.

APPLICATIONS

- Batching and mixing projects
- Peak control systems
- Bench and floor scales
- Silo and hopper weighing
- Inventory control
- Various industrial weighing systems

SPECIFICATIONS

PERFORMANCE
Excitation:	+5VDC
Number of Cells:	Up to 4x350 ohm
Filter:	6 Levels
A/D Converter Type:	24bit
Calibration Methods:	Dead load and span
Input range:	-10 to 10mV / -20 to 20mV
Weighing Functions:	Automatic zero tracking
	Auto-zero on power-up
	Zero tare

ENVIRONMENTAL
Operating Temp:	+5 to +40ºC
Relative Humidity:	40-60% RH

DISPLAY AND KEYBOARD
Display:	2x6 digit, 7 segment LED
Digit height:	19 mm
Status enunciators:	Power, Relay Mode, Relays
Keyboard:	4 micro switch keyboard

ELECTRICAL
Voltage:	180–230VAC or 12-24VDC
Current:	1000mA

ANALOG OUTPUT
Resolution:	16 bit
Voltage Output:	0-5 V
Current Output :	4-20 or 0-20 or 0-24mA
Load Resistance:	> 10 Kilo ohm (Voltage)
	< 400 ohm (Current)

INPUT & OUTPUTS
Logic Input:	1x12 VDC
Output:	4x1A Relay up to 220V

SERIAL COMMUNICATION
Type:	RS-232
Baud Rate:	9600 or 1200 bps
Data Length:	8 bit
Stop Bit:	1 bit
Parity:	None
Applications:	Continuous, Print

ENCLOSURE
Material:	Aluminium
Dimensions:	96x96x110 mm WxHxD
Mounting:	Pannel mount
Connectiors:	10xpin screw (LC,ANA,VDC)
	12xpin screw (4Ralay,Input)
	9xpin mail D-type (Serial)