



MK-D18+ Weighing Indicator

Introduction

The panel mounted weighing indicator offers exceptional reliability, advanced filtering and tested ability to perform stably under interference of severe industrial environments. With over 100,000 products being in use and negligible repair rate, it is customized for dynamic weighing systems with the highest demand for reliability, response speed and accuracy

High-Performance Digital Indictor

- Standard RS232/RS485 interface
- Optional analog output (0-5V initial)
- Powers up to 8 units of load cells
- I/O points (1 input, 2 outputs) as standard
- Simple design to facilitate connection to a PLC
- Low cost digital indicator for various applications
- Selectable A/D sampling 15/30/60/120/480/960times/sec
- Easy selectable minimum divisions: 1, 2, 5, 10, 20 or 50
- Compact, lightweight body makes it ideal for mounting into a control panel

Specifications

ANALOG UNIT	
A/D conversion method	24-bit Delta-Sigma modulation
Zero adjustment range	0 to 12mV (Load cell 3mV/V)
Nonlinearity	0.01% F.S
Maximum input voltage	0 to 15mV (Load cell 3mV/V)
Minimum sensitivity	0.1 μ V/d
Input impedance	10ΜΩ
Sampling rate	15/30/60/120/480/960 SPS
Display resolution	1/100,000
Load cell excitation	DC5V, 200Ma(Max), Up to 8 load cells (350Ω) can be connected

DIGITAL UNIT		
Display elements	7-segment 6-digit red LED	
Data display range	0 to 999,999d	
Status indicators	ZERO, STAB, HOLD	

BASIC SPECIFICATIONS	
Power source voltage	DC24V ± 5%
Power consumption	Approx. 10W
Temperature and humidity	-10°Cto40°C/90%R.Horless(Connectionmustbeavoided)
Dimensions	110 x 89 x 60 mm (LxWxH)
Weight	Approx.350g
Panel cut dimensions	93 x 46mm
Dust/water protection	The IP 65 display when mounted into a panel
Endosure	ABS front panel, aluminum case

COMMUNICATION		
Serial interface	Standard RS-232/RS485 interface	
Analog output	Voltage/Current (±10V + 4-20mA)	
Ethernet	Modbus TCP	11

















Communication Interface



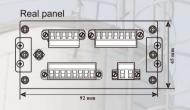
RS485/232 + Analog output

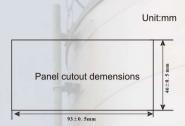


RS485/232 + Ethernet (Modbus TCP)









Application

