



# SMART WEIGHING INDICATOR

Specially developed for such devices and machines which control limit values via weight measurements

SMART is a small and simple weighing indicator with a rugged and durable housing. It is a reliable and cost-effective solution in electronic detection of and protection against overloads upon cranes and elevators.

## FEATURES

- Impact-resistant plastic housing
- 4-digit red LED weight display
- Dust and humidity-proof membrane
- keyboard with tact keys
- Taring, zeroing, function and adjustment keys
- Zeroing within the entire measurement range
- Gain adjustment for load cell output RS232/RS485 serial output
- 3 pcs Internal relay output 2
- Analog output 0+5 V, 4-20 mA

## SPECIFICATIONS

<b>ACCURACY :</b>	<b>Accuracy Class:</b>	1000 (III)
	<b>Input Sensitivity:</b>	0.5µV/digit
	<b>Linearity:</b>	0.015%
	<b>Zero and gain stability:</b>	5ppm/°C
	<b>A/D Converter:</b>	16bit
	<b>Digital Filter:</b>	Numerical filtering
	<b>Reading Frequency:</b>	10Hz
	<b>Load Cell:</b>	
	<b>Load cells allowed:</b>	4 pcs (350ohm)
	<b>Analog Input Range:</b>	± 2mV/V
<b>ENVIRONMENT:</b>	<b>Excitation Voltage:</b>	5V DC
	<b>Operating Temperature:</b>	-10°C +40°C
	<b>Storing Temperature:</b>	-20°C +70°C
<b>OPERATOR HANDLING &amp; DISPLAY:</b>	<b>Excitation Voltage:</b>	10-350VDC - 5W
	<b>Keyboard:</b>	Dust, humidity proof membrane type keyb. with 3 tact type keys
	<b>Weight Display:</b>	6 mm, 4-digit, 7-segm. LED
<b>HOUSING</b>	<b>Function Display:</b>	Center-zero, no-motion LEDs
	<b>Material/ Protection:</b>	Plastic, IP65
<b>COMMUNICATION</b>	<b>Weight and dimen.:</b>	0.2kg, 98 x64 x 34
	<b>Serial Com. Output:</b>	RS232 / RS485
	<b>Digital Input:</b>	1 input /
	<b>Output:</b>	3 outputs (2A relay)
	<b>Analog Output:</b>	4 - 20mA / 0-5V

