

Type SMART-2

Multi Functional Wireless Weighing Indicator



Options



Pano Mounting Option



IP 66 Protection Class
Rail Mounting Option



Rail Mounting Option

Product Description

Small indicator with 1/10000 accuracy. Designed to be used both for overload control in cranes and elevators, and high accuracy weighing such as tank weighing. It is also a low cost solution to many applications thanks to its built in 2 relay and connectivity options such as RS485 output, wi-fi and bluetooth.

Features

- Impact-resistant plastic housing
- 5-digit LED weight display
- Dust and humidity-proof membrane keyboard with tact keys
- Taring, zeroing, function keys
- Zeroing within the entire measurement range
- Gain adjustment for load cell output
- RS232/RS485 serial output
- Internal 2 relay outputs
- Analog output (4-20 mA)
- Analog output (0-5 V)
- Optional Wi-fi and Bluetooth connections
- Android smart phone application

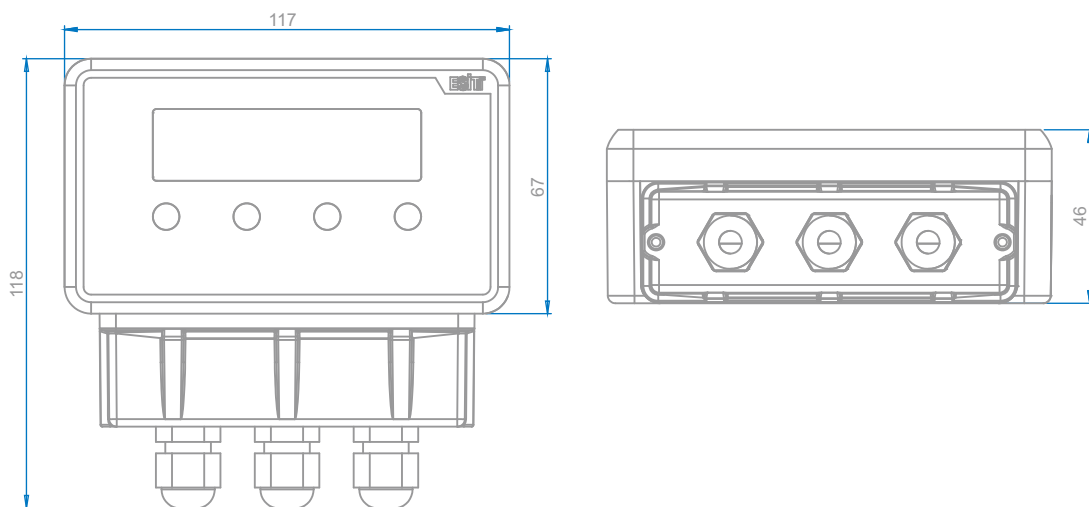
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Technical Specifications

Accuracy		
Accuracy class (OIML approved)	10000	
Input sensitivity	0.5µV/digit	
Sensitivity	0.001%	
Zero and gain stability	4ppm/°C	
A/D converter	20bit	
Digital filter	Adjustable numerical average	
Reading frequency	10Hz	
Angle measuring range	±90°	
Angle measuring step	0.5°	
Load cell		
Number of Loadcells allowed	4 pcs (350ohm)	
Analog input range	±1, ±2, ±3mV/V	
Excitation voltage	5V DC	
Environment		
Operating temperature range	-10°C +40°C	
Storage temperature range	-20°C +70°C	
Operating voltage and power	6-24V DC - 2W	
Operator handling and Display		
Keyboard	Dust and humidity-proof membrane keyboard with 4 tact type keys	
Weight display	LCD, 5 digits, 12mm character size	
Function display	Static load, True zero, Tare, Calibration, Relay1-2-3-4, Input1-2, Bluetooth, Wi-fi, Power status indicators	
Housing		
Material and protection class	Plastic, IP66	
Weight	0.2kg	
Communication		
	Standart	Optional
Serial communication output	RS232	RS485
Digital input	2	-
Analog Output	4-20mA / 0-5V	-
Relay Output	2 pcs (1A)	-
Bluetooth	-	✓
Wi-fi	-	✓
Angle measuring sensor	-	✓

Dimensions

(All dimensions are expressed in millimeters)



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