

ESIT Model SMART



MODEL SMART

ESIT Smart is a weighing indicator-comparator that is designed for accurate reading with lowest cost. The main application areas are overload protection of whole electronic systems with Loadcells in cranes, elevators, etc.

LOADCELL INPUT

Excitation voltage	5 V DC
Minimum Load Resistor	87 Ω (4 Loadcell)
A/D Converter	14 bits
Operating Temperature Range	-20/+70 °C
Operating Voltage	10-35 V DC
Degree of Protection	IP 65
Communication Interface	RS 485
Analog Output	0-5 V /12 bits resolution

DISPLAY SPECIFICATIONS

Display	4-digit measurement indication, Tare, No-Motion, Center-of-Zero symbol indication
Keypad	3 tactile keys, water resistive.

COMMUNICATION FEATURES

Inputs / Outputs Digital:	Serial RS-485 (standard), RS-232 C (optional) (All measurement values can be read via PC or PLC devices.)
Analog:	0-5 V analog output 2 Relay output

CONTROLLER CARD

EPROM (program)	8 k
EEPROM (data)	640 bytes
RAM	256 bytes

CONVERTER

A/D Converter	14 Bits
Conversion Speed	20 ms
Internal Resolution	16384

POWER

Voltage	10-35 VDC
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