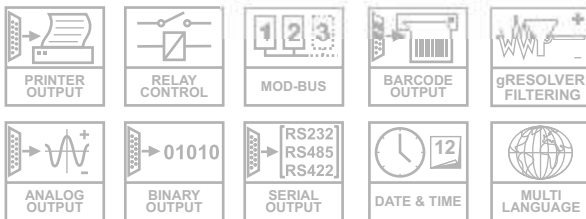
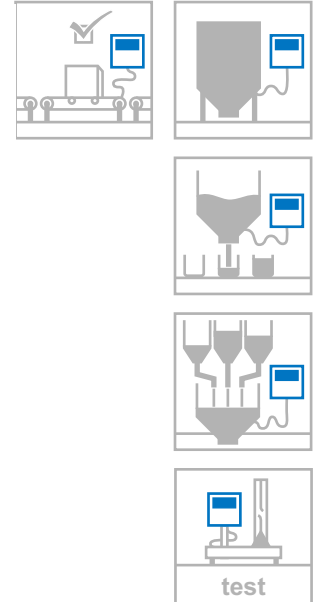


Type ECI

Weighing Indicator and Controller



Product Description

Esit ECI has a high value for industry with its new breakthrough modular expandable design and 800 Hz data output rate. It enables sensitive measuring and checking with its next generation intelligent filtering technology, gResolver, within vibrant and unstable environments. With its controlling features, new Esit ECI Weighing Control Indicator provides dosing function as standard, while delivering solutions to a wide range of needs via flexibly expandable outputs. Also optional expansion cards enable it to conform to almost any industrial communication protocol.

Features

- Dosing control
- gResolver (new generation filter technology)
- Real 800 Hz data output rate
- Multi line intelligent screen usage
- Modular expansion structure
- Compact design
- Easy assembling
- Easy English menu operated with 5 capacitive touch buttons
- Software updating from USB – reporting
- Dust- and water-proof enclosure design
- Water-proof front panel

Options

- RS422 serial output
- Remote display output
- External relay card
- Binary output
- Analog output
- Profibus module
- CanBus module
- DeviceNet module
- ProfiNet module
- Ethernet-IP output

Programs

- Filling program
- Recipeing program
- Valve bag filling program

Technical Specifications

| | | |
|---|--|---|
| Accuracy | | |
| Accuracy class (OIML approved) | 10000d (III) | |
| Input sensitivity | 0.5µV/digit | |
| Sensitivity | % 0.0015 FS | |
| Zero and gain stability | 2 ppm/°C | |
| A/D converter | 24bit Sigma-Delta | |
| Digital filter | gResolver (Intelligent Adaptive FIR filter) | |
| Reading frequency | 6.25-1600 Hz | |
| Load Cell | | |
| Number of load cells allowed | (10 pieces 350 Ω) or (32 pieces 1100 Ω) | |
| Analog input range | (-25mV with +25mV) or (-1.6V with +1.6V) | |
| Excitation voltage | 10 V DC | |
| Environment | | |
| Operating temperature range (OIML approved) | -10°C +40°C | |
| Storing temperature range | -20°C +70°C | |
| Operating voltage and power | 12-24 VDC, 5W | |
| Operator Handling and Display | | |
| Keyboard | 5 Touch key, Special function changes the situation | |
| Weight display | Graphics Display (4.5") | |
| Function display | Gross, net, stable, zero, unit (g, kg, t,lb, lt, mV/V, m3) | |
| Program display | - | |
| Housing | | |
| Material and protection class | Impact-resistant plastic (PC), IP54 (Front Panel IP65) | |
| Weight | 0.36kg (Standard) | |
| Package weight and dimensions | 0,70kg (Standard) 18x12.5x11 mm | |
| Communication | | |
| | Standard | Optional |
| Serial communication output | RS232 | RS422 / RS485 |
| Parallel printer output | Serial printer | - |
| Binary (BCD) output | - | 1+19bit |
| Remote display output | ✓ | - |
| Digital input / output | - | 4 input / 4 output (2A) EXP modul (16 output) |
| Analog output | - | 4-20mA / 0-10V (16bit) |

Esit reserves the right to modify, without prior notice, the products in accordance with technological developments.

* BCD and EXP modul options can not be used simultaneously.

Dimensions

(All measurements are expressed in millimeters)

