

Weight indicator CSD-903-07

Compact design, easy-to-read display

! Benefits

- 7-digit display for good legibility
- Time-saving configuration
- Connectivity for an easy data transfer
- Basic dosing possible without additional programming effort



The weight indicator CSD-903-07 processes weight values from silo and vessel scales quickly and reliably with analogue load cells. The small dimensions of the housing simplify installation.

With display and keypad for front operation

- ! **Seven-digit display**
The easy-to-read **12 mm high display** shows the weight value, unit and status. The eight keys enable front operation.
- ! **Simple configuration via USB/display**
The EzCTS software allows an easy configuration with the possibility to save and to print the parameter set.
- ! **Including integrated RS-422/485 interface & 4...20 mA analogue output**
An ASCII character based protocol transmits the data on request or via data stream. With the analog output, the indicator provides the weight value in a standard format.
- ! **Simple one-component dosing**
One-component filling with control outputs for coarse, medium and fine dosing.

The right solution for all of these applications:



Weighing



Filling and dosing



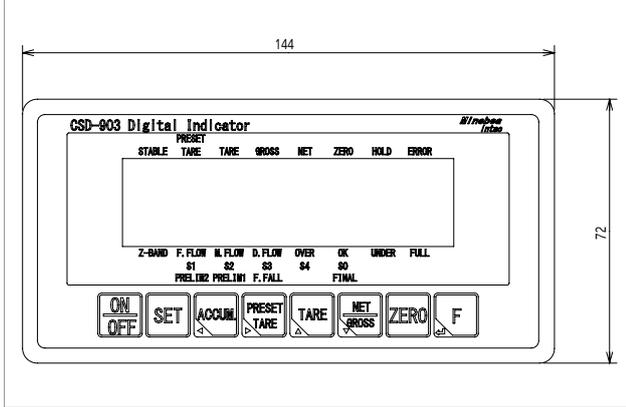
Fill quantity control

Technical specifications

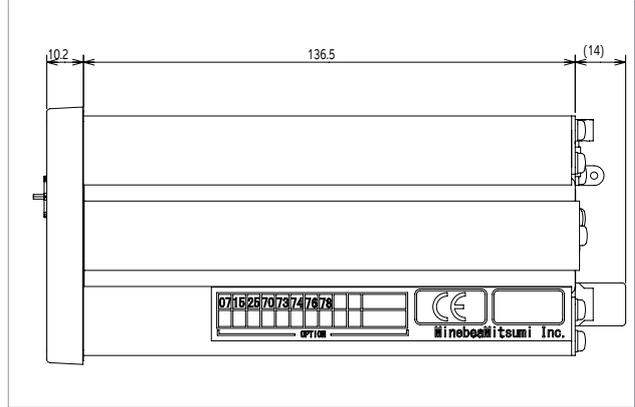
Weight indicator CSD-903-07	
Parameters	Description
Housing	<ul style="list-style-type: none"> – Dimensions: 144 × 72 × 146.7 mm – Material: Aluminium
Supply voltage	100 V to 240 V _{AC} , 50/60Hz
Power consumption	18 VA
Display	<ul style="list-style-type: none"> – Front Luminous Vacuum Fluorescence Display – Elements 7 digits (7 segments) – Digit size 11.55 mm
Key	8 keys
Status display	<ul style="list-style-type: none"> – Stable, Pre. Tare, Tare, Gross, Net, CZ, Hold, Error, Flow, Over, Under etc. – Dimensions can be set: g, kg, t, lb, N, kN – Decimal point can be set
Control outputs	Quantity: 9, photo-coupler isolated, max. 35 V _{DC} , max. 40 mA
Control inputs	<ul style="list-style-type: none"> – Quantity: 9, photo-coupler isolated – Functions: Zero, Net/Gross, Tare etc.
Load cell connection	All strain gauge load cells; 6 or 4 wire connection possible
Load cell supply	10 V _{DC} ± 0.5 V (180 mA)
Load impedance	Up to 6 × 350 Ω
Mesuring principles	<ul style="list-style-type: none"> – Delta-Sigma converter – A/D Sampling 200 times/s (Changeable: 20 times/s)
Sensitivity (internal)	Usable resolution 0.2 μV/d
Input range	-3.1 mV/V to 3.1 mV/V
Linearity	0.01% FS
Temperature effect	<ul style="list-style-type: none"> – Zero point ± 0.2 μV/°C – Tk_{span} ± 0.0008% FS/°C
Analog Filter	Changeable between: 2 Hz, 4 Hz, 6 Hz, 8 Hz, 10 Hz
Interfaces	<ul style="list-style-type: none"> – RS-485 (up to 38k4 baud) – 4...20 mA
Ambient conditions temperature	<ul style="list-style-type: none"> – Industrial -10°C to +50°C – Storage -20°C to +60°C
Weight	Net: 1 kg (without options)
Certificates	CE, RoHS

Technical diagrams

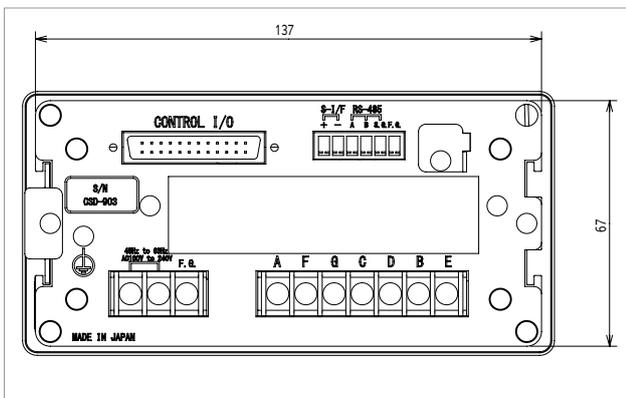
Weight indicator CSD-903-07



Frontansicht



Seitenansicht



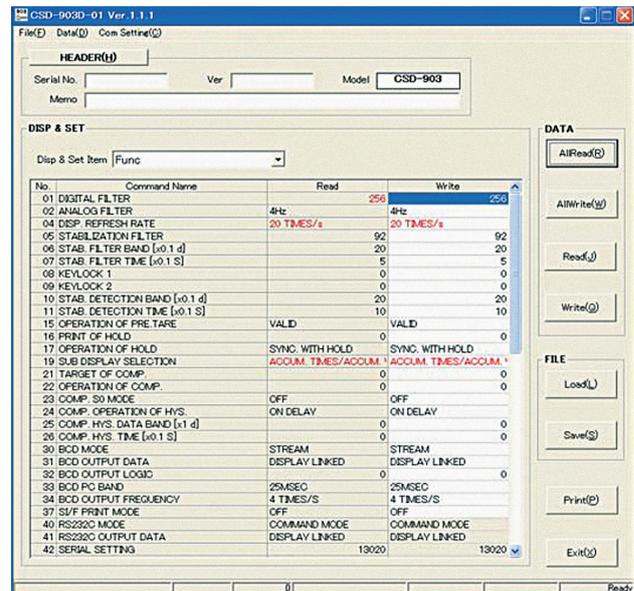
Rückansicht

Options

Weight indicator CSD-903-07

EzCTS Software for communication with weighing electronics CSD-892, CSD-903, CSD-912 & CSD-918

- Read/Save set parameter file**
 Parameter set can be saved and read in a .csv-file for easier project management and data safety. With this function the settings of several transmitters, indicators and controllers can be standardized or reproduced.
- Calibration by communication**
 After the calibration values have been set, they are transmitted to the weighing transmitter.
- Printable parameter set**
 Among other things, the parameter set can be printed for documentation purposes.

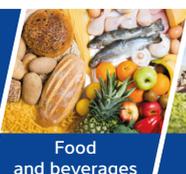


Ordering information

Weight indicator CSD-903-07

Type	Order number
CSD-903-07 weight indicator	9409 109 03001
EzCTS Software	9409 390 01001

The products and solutions presented in this data sheet make major contributions in the following sectors:



The technical data given serves as a product description only and should not be understood as guaranteed properties in the legal sense.

Specifications subject to change without notice.
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