

Weight controllers CSD-912-07-76 and CSD-918-07-76

For various dosing applications, with touch display



- (!) CSD-912-07-76 benefits
 - Material management and dosing in one weighing controller
 - Weight value analysis at a glance
 - Intuitive operation via touch display
 - Time-saving configuration
- (I) CSD-918-07-76 benefits
 - Enables additional measurement of feeding and discharging

The weight controllers CSD-912-07-76 and CSD-918-07-76 ensure simple dosing and filling applications, can manage up to 10 materials and execute different dosing modes.

Versatile functions from weighing to dosing

- More than just weighing Storage, management and dosing of several materials.
- ① Graphical weight value analysis The weight values are displayed as a curve for quick analysis.
- Touch display with intuitive operation
 The large colour touch display responds precisely to operator input and allows intuitive data entry.
- ① Simple configuration via USB/display The EzCTS software allows an easy configuration with the possibility to save and print parameter lists.

The right solution for all of these applications:





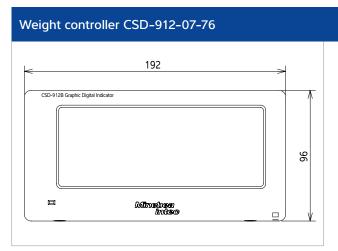


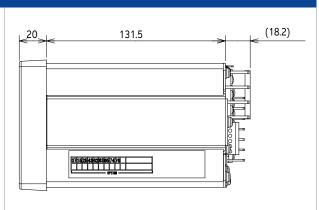
Technical specifications

Weight controllers CSD-912-07-76 and CSD-918-07-76

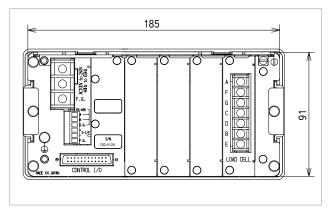
Parameters	Description
Housing	– Dimensions: 192 × 96 × 132 mm– Material: Aluminium
Supply voltage	100 V to 240 V _{AC} , 50/60Hz
Power consumption	30 VA with options
Display	 Wide viewing angle 6.2 inch TFT color LCD unit Elements 640 × 240 dots (7 segments) Digit size 22 mm Touch display Weighing condition is displayed in waveform
Status display	 Stable, Pre. Tare, Tare, Gross, Net, CZ, Hold, Error, Flow, Over, Under etc. Dimensions can be set: g, kg, t, lb, N, kN or no dimension Decimal point can be set
Control outputs	Quantity: 11, photo-coupler isolated, max. 35 V _{DC} , max. 40 mA
Control inputs	Quantity: 11, photo-coupler isolatedFunctions: Zero, Net/Gross, Tare etc.
Load cell connection	All strain gauge load cells; 6 or 4 wire connection possible
Load cell supply	12 V _{DC} ±0.3 V (140 mA)
Load impedance	Up to 4× 350 Ω
Mesuring principles	 Delta-Sigma converter A/D sampling 200 times/s (changeable to 1000 times/s, 100 times/s, 50 times/s, 20 times/s, 10 times/s)
Sensitivity (internal)	Usable resolution 0.3 µV/d
Input range	-3.1 mV/V bis 3.1 mV/V
Linearity	0.01% FS
Temperature effect	– Zero point $\pm 0.1 \ \mu V/^{\circ}C$ – $Tk_{span} \pm 0.0008\% \ FS/K$
Digital filter for load cell connection	Approx. 4 Hz (Changeable to 2 Hz, 6 Hz, 8 Hz, 10 Hz or 100 Hz)
Interfaces	- RS-485 (up to 38k4 baud) - 420 mA
Ambient conditions temperature	- Industrial 0°C to +40°C - Storage -20°C to +60°C
Protection class	Front panel IP65
Weight	Net: 1.6 kg (without options)
Certificates	CE, RoHS

Technical diagrams

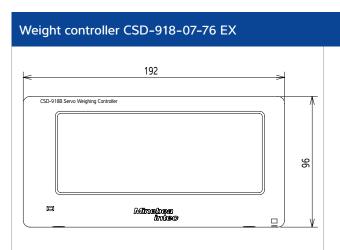


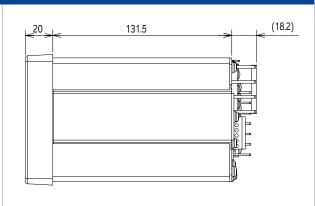


Front view Side view



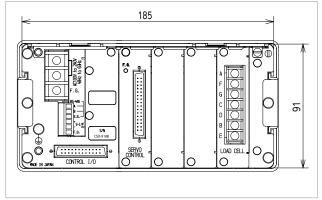
Back view





Front view

Side view



Back view

Options

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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.

Enhanced features CSD-918-07-76

- The weight controller CSD-918-07-76 can measure the constant amount of feeding and discharging by controlling the gate with the combination of servo amplifier and servo motor.
- Cycle times can be shortened more than the constant amount measurement of three steps type by full flow, medium flow and dribble flow of the past.

HEADER(H) Model CSD-903 Memo DISP & SET AliRead(R) Disp 8 Set Item Func -Command Name DIGITAL FILTER ANALOG FLTER ANALOG FLTER DISP, REFRESH RATE STABLIZATION FLTER STAB FLTER BAND [40.1 d] STAB FLTER TIME [40.1 S] KEYLOCK 1 KEYLOCK 2 AllWrite(W) Read(J) 06 VEYLOOK 1 09 FEYLOOK 2 10 STAB DETECTION BAND (NO.1 d) 11 STAB DETECTION TIME (NO.1 S) 15 OPERATION OF PIC. TARE 17 OPERATION OF HOLD 19 SUB DISPLAY SELECTION 21 TARGET OF COMP. 22 OPERATION OF COMP. 23 COMP. 50 MODE 24 COMP. OPERATION OF HYS. 25 COMP. HYS. DATA BAND (st. d) 26 COMP. WIS TIME (no.1 S) 39 BCD MODE Write(Q) VALID VALID SYNC. WITH HOLD Losd(L) OFF ON DELAY OFF ON DELAY Save(S) STREAM DISPLAY LINKED STREAM DISPLAY LINKED 25MSEC 4 TIMES/S OFF 25MSEC 4 TIMES/S Print(P) COMMAND MODE DISPLAY LINKED Exit(X)

Ordering information

Weight controllers CSD-912-07-76 and CSD-918-07-76 Type Order number CSD-912-07-76 weight controller 9409 109 12001 CSD-918-07-76 weight controller 9409 109 18001 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.