

Weight transmitter CSD-892-76

Readable measurement results in a compact design



! Benefits

- Configurable display for greater ease of use
- Time-saving configuration
- Connectivity for an easy data transfer
- Basic dosing possible without additional programming effort

The weight transmitter CSD-892-76 processes weight values from silo and vessel scales quickly and reliably with analogue load cells. Space-saving installation on DIN top hat rails.

Space-saving, reliable and user friendly

- ! **Built-in control panel and display**
The display can be individually adapted for configuration and status indication.
- ! **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**
An ASCII character based protocol transmits the data on request or via data stream.
- ! **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



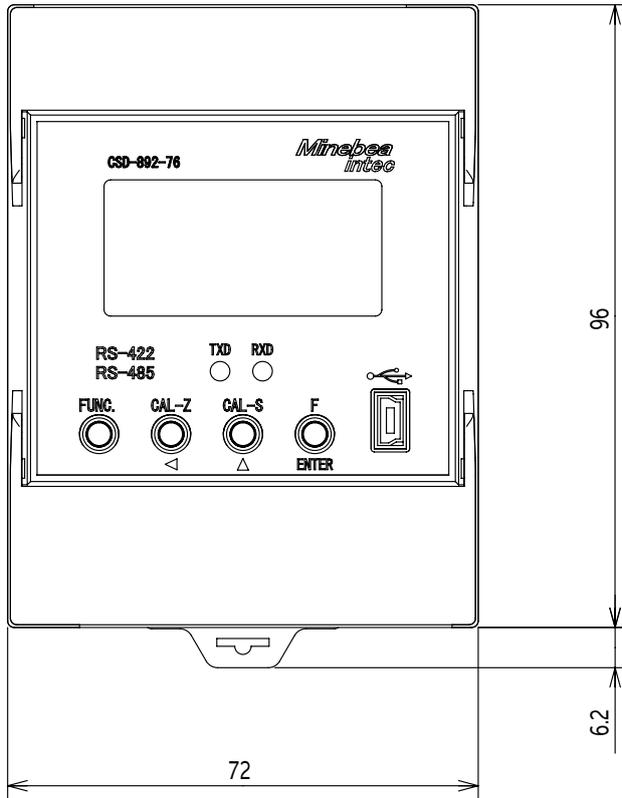
Fill quantity control

Technical specifications

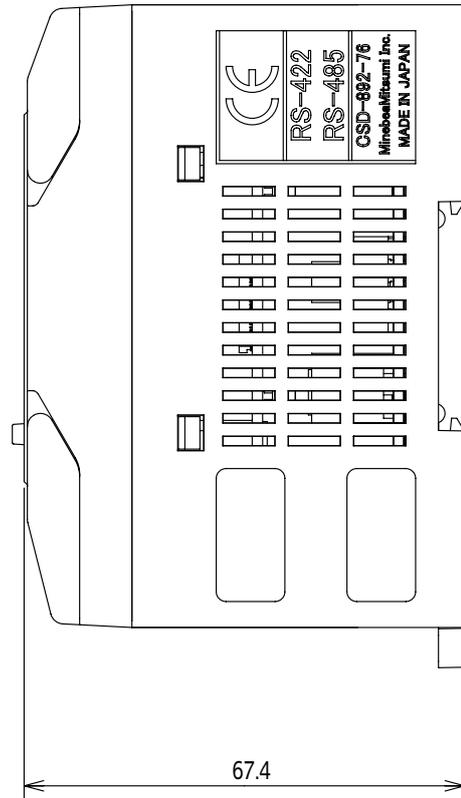
Weight transmitter CSD-892-76	
Parameters	Description
Housing	<ul style="list-style-type: none"> – Plastic housing with screw connection – Installation on 35 mm top hat rails, in accordance with DIN 46277 – RoHS compliant
Dimensions	72 × 96 × 67.5 mm
Power Supply	24 V _{DC} , ± 15 %
Power consumption	2.4 W
Display type	FSTN liquid crystal (with amber color LED back light)
Status display	FUNC, ZERO calibration mode, SPAN calibration mode, etc.
Control outputs	<ul style="list-style-type: none"> – Quantity: 5, max. 35 V_{DC}, max. 50 mA – Functions: Gross, Net, Flow etc.
Control inputs	<ul style="list-style-type: none"> – Quantity: 3 – Functions: Zero Set, Tare, Hold (Pulse) etc.
Inputs and Outputs	Not galvanically isolated
Load cell connection	All strain gauge load cells: 6 or 4 wire possible
Load cell supply	5 V _{DC} (± 0.25 V), 60 mA
Load impedance	4 load cells each with 350 Ω
Mesuring principles	<ul style="list-style-type: none"> – Delta-Sigma converter – A/D sampling 500 times/s (Changeable to 250 times/s, 100 times/s, 50 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} ± 0.0015% FS/K
Analog Filter	approx. 4 Hz (Changeable to 2 Hz, 6 Hz, 8 Hz, 10 Hz)
Serial interface	RS-422/485 interface (up to 38k4 baud)
Ambient conditions temperature	<ul style="list-style-type: none"> – Industrial -10°C to +50°C – Storage -20°C to +60°C
Weight	Net: 0.26 kg
Certificates	CE (not for USB-interface), RoHS

Technical diagrams

Weight transmitter CSD-892-76



Front view



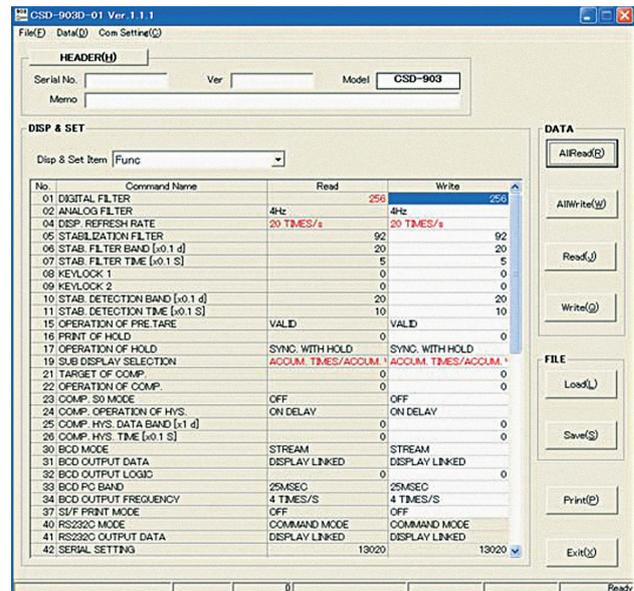
Side view

Options

Weight transmitter CSD-892-76

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 transmitter CSD-892-76

Type	Order number
CSD-892-76 Weight transmitter	9409 108 92001
EzCTS Software	9409 390 01001

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



Food and beverages



Agribusiness



Building materials



Machinery (OEM)



Chemistry

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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Minebea Intec GmbH
 Meiendorfer Straße 205 A
 22145 Hamburg, Germany
 Phone +49.40.67960.303
 sales.hh@minebea-intec.com
 www.minebea-intec.com