

SIWAREX CS

Product Data Sheet

7MH4910-0AA01

Electronic weighing measurement module

SUPPLY VOLTAGE RANGE	MAXIMUM SUPPLY CURRENT	MAXIMUM POWER LOSS	BACKPLANE CURRENT
20.4 to 28.8 V DC	150 mA	5 W	Less than 10 mA

Siemens 7MH4910-0AA01 is the SIWAREX CS weighing module for compatible SIMATIC distributed automation. It connects documented strain-gauge load cells for configured industrial weighing and material-dosing tasks.

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VERIFIED TECHNICAL DATA

Supply voltage range	20.4 to 28.8 V DC
Maximum supply current	150 mA
Maximum power loss	5 W
Backplane current	Less than 10 mA
Measurement accuracy	0.05% or better
Measurement refresh	50 Hz
Resolution	65535 parts
Bridge sensitivity ranges	0 to 1, 2 or 4 mV/V
Load-cell excitation	6 V, 68 mA
Internally supplied bridge resistance	87 to 4010 ohm

ADDITIONAL PRODUCT DATA

Externally supplied bridge resistance	40 to 4010 ohm
Maximum load-cell cable	1000 m; 500 m for legal calibration
Minimum calibration signal	1.5 microV/e
Common-mode rejection	120 dB at 50 Hz
Low-pass filter range	0.05 to 5 Hz

DOCUMENTED USE SETTINGS

Food Processing and Industrial Beverage Production: Food Processing and Packaging.

Chemical Production and Industrial Batch Processing: Industrial Chemical Manufacturing.

Industrial Logistics and Material Handling: Bulk Material Transfer Weighing.

SYSTEM COMPATIBILITY

Siemens 7MH4910-0AA01 is the SIWAREX CS weighing module for compatible SIMATIC distributed automation. It connects documented strain-gauge load cells for configured industrial weighing and material-dosing tasks.

PRODUCT EVIDENCE

Siemens SIWAREX CS technical documentation

AMIKON PRODUCT SUPPORT

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