

EM-DLC*

AD-4212C

Series

* The EM-DLC is a high precision electromagnetic weighing sensor with an integrated analog-to-digital converter.

Fast (0.5 seconds stabilization), **Precise** (1 mg resolution),
and **Compact** (59 mm width) – **Ideal for Installation in
Production Lines!**



Securable to a base by replacing leveling feet with screws

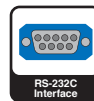
Outputs digital weighing data directly to a panel computer, PLC, or PC via RS-232C (analog, comparator, and BCD outputs are also possible through the optional display unit, the AD-8922A)

High-speed data transmission of up to 50 times/second

Easy calibration and response speed adjustment using the provided WinCT-AD4212C software (A free calibration weight is also provided)

IP65 dust and water-proof construction for powder or liquid weighing

Protected against vertical and transverse overloading*
* Patent pending



Remote display unit
(sold separately)



Example applications include the production of secondary cells, electronic parts, medicines, resist ink, coating materials, and oil



AND ...Clearly a Better Value
A&D Company, Limited
<http://www.aandd.jp>

EM-DLC

AD-4212C Series



Specifications

	AD-4212C-300		AD-4212C-3000	
Weighing capacity	320 g		3200 g	
Minimum weighing value	1 mg		10 mg	
Repeatability (Standard Deviation)	1 mg		10 mg	
Linearity	±2 mg		±20 mg	
Stabilization time (TYP at FAST response under good environment)	0 – 30 g	0.5 seconds	0 – 30 g	0.5 seconds
	30 – 320 g	1.0 second	30 – 3200 g	1.0 second
Display refresh rate	10 times/second* – 50 times/second			
I/O unit RS-232C	Bi-directional, 2400* – 19200 bps			
Sensitivity drift	±2 ppm/°C (10°C to 30°C/50°F to 86°F)			
Operating environment	5°C to 40°C (41°F to 104°F), 85%RH or less (no condensation)			
Calibration weight provided (equivalent to OIML Class E2)	200 g		200 g	
Applicable calibration weight value	100 g, 200 g, 300 g		200 g, 2000 g, 3000 g	
Weighing unit	Dimensions	59(W) X 231(D) X 91(H) mm		
	Weighing pan	50 X 50 mm		
	Weight	Approx. 1.6 kg		
Connection cable	Approx. 5 m			
Power supply	AC adaptor			
Power consumption	Approx. 11VA (supplied to the AC adaptor)			

* Factory setting

Accessories

- AD-1683** Static eliminator
- AD-1684** Electrostatic fieldmeter
- AD-1689** Tweezers for calibration weight
- AD-8922A** Remote display unit
- AD-8121B** Compact printer
- AD-8526** Serial/Ethernet converter
- AX-USB-9P** Serial/USB converter

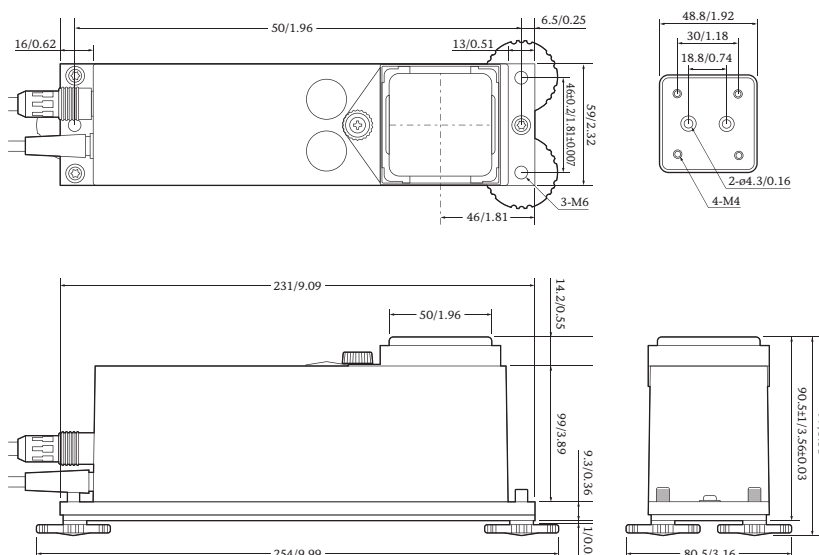


AD-1683



AD-1684

Dimensions (mm/inches)



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