IWM WEIGHING AMPLIFIER. + DISPLAY	**A7230012**
IWM2 WEIGHING AMPLIFIER. + DISPLAY	**A7230027**
ANIMAL WEIGHING SET L=99 CM 4X1250 KG	**A7230028**
ANIMAL WEIGHING SET L=145 CM 4X1250 KG	**A7230029**
ANIMAL WEIGHING SET L=190 CM 4X1250 KG	**A7230030**

Contents
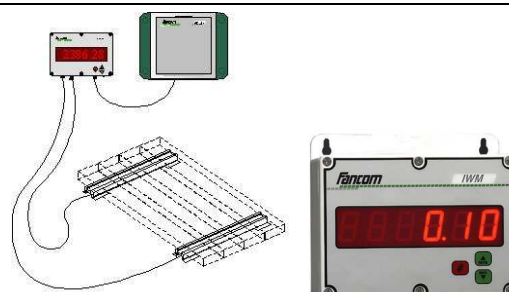
Application

The IWM is a universal weighing computer used with e.g. silo and tank weighing and animal weighing (pigs, sheep and cattle). IWM stands for Intelligent Weighing Module.

The animal weighing sets contains an IWM2, PS.24 power supply, stainless steel weighing bars and 4 load cells are included in the animal weighing set. These sets can be used as a universal weighing platform, but are often used with locally made animal weighing platforms placed in a central corridor for piglet and pig weighing.

Features

IWM

- Universal use
- The IWM is equipped with a standard power supply connector. Load cells can be connected using 2 swivels and a terminal block.
- Suitable up to maximum 8 load cells.
- Adjustable screen with 6 digits, 999999 kg till 000.001 kg.
- Tarra function, weight can be negative aswell, suitable for dosing in and dosing out.
- Adjustable loadcell signal 0-1 mv/v; 1-2 mv/v; 2-4 mv/v.

IWM2

- Almost identical as the IWM, only difference is the two special connectors for loadcells

Animal weighing sets

- Supplied as complete set , including power supply and load cells.
- The PS.24 power supply and IWM2 are equipped with connector and 2m cable.
- 3 standard lengths 99, 145 and 190 cm
- Very robust; made from 100% stainless steel
- Load cell is manure-resistant
- Minimum risk of cable damage
- Maximum capacity 4x1100kg Static, 4x750kg Attention: real capacity depending on peak loads!
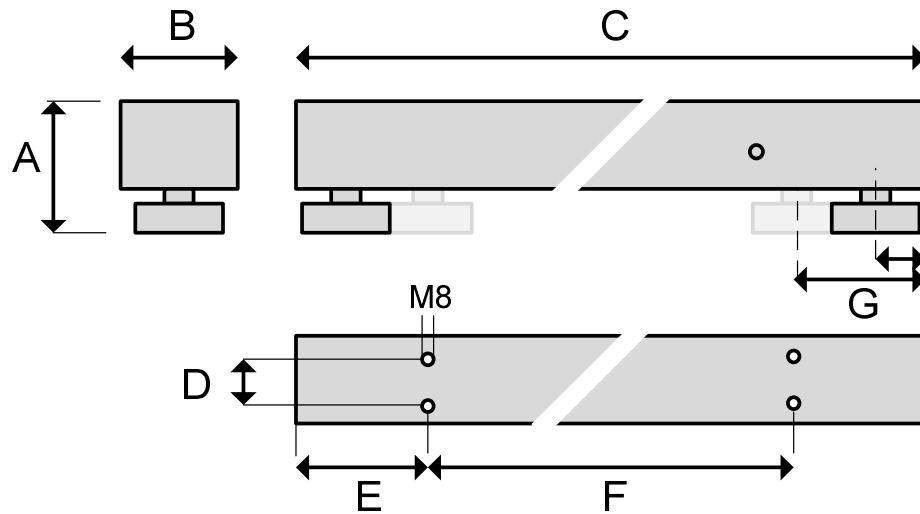- Each bar is provided with 4 x M8 blind rivet nuts

PS.24 with cables
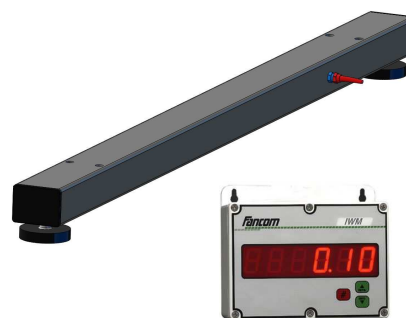
Options

A7160012	PS.24 POWER SUPPLY + CABLE 2 M+CONN
A4056061 (animal weighing 750kg/silo 1100kg)	LOAD CELL STAINLESS ST. SB14-2;5 GP IP68
A4056064 (for tanks/feedbins 5 ton)	LOAD CELL STAINLESS ST. SB 5T 6M KABEL
A4056062 (for feedbins 9 ton)	COMPRESSION CELL 30K TC 9T

Dimensioned sketches

Article	Model	A mm	B mm	C mm	D mm	E mm	F mm	G1 mm	G2 mm
A7230028	ANIMAL WEIGHING SET L=99 CM 4X1100KG	90	80	980	50	190	600	35	186.6
A7230029	ANIMAL WEIGHING SET L=145 CM 4X1100KG	90	80	1440	50	190	1060	35	186.6
A7230030	ANIMAL WEIGHING SET L=190 CM 4X1100KG	90	80	1890	50	190	1510	35	186.6

Technical specifications

Power supply IWM(2)

Power supply voltage	12-24Vdc
Max. power	3VA Display board
	3VA W/F converter

Weighing input IWM(2)

Excitation voltage	5Vdc
Max. input voltage (dep. JP2/JP3)	10 mVdc or 20mVdc
Max. load	8x350 Ohm
Accuracy	>0.03%
Max. cable length	10m

Ambient climate

Protection class IWM	IP54
Protection class load cells	IP68
Temperature range	0-+40 ℃