DIBAL

PRODUCT DATA SHEET

v 1.0 - 06/2014

Weight Indicator DMI-610

Structure

Housing	Stainless Steel AISI304
	ABS
Display	Red LED, 6 digits of 1" (25,4 mm.)
Indicators	Working mode, CW, IRB,...
Keyboard	7 keys under membrane

Applications

Applications	Weight-Tare-Accumulation
	Piece counting function
	Checkweigher function (min.-objective-max.)
	1P/2S dosage *
	Analogue outputs: 4-20 mA / 0-10 V *
	Alibi memory

* Only in STAINLESS STEEL Model

Weighing

Accuracy	Up to 6.000 divisions
	Monorange, multirange and multiinterval
Platforms Connection	Connection to weight platform up to 14 load cells
	Connection up to 4 platforms (up to 14 load cells) *
Linearisation	Up to 5 points of calibration
Tare	Consecutive tares
	10 programmable tares
Units	Kilograms, Pounds

* Only in STAINLESS STEEL Model

Communications

Communications	2 RS-232 high speed ports (115.200 bps)
	Ethernet TCP/IP, USB
	RS-485, Wi-Fi *
	DMI-600 protocols
	Industrial protocols *(Consult us)*

* Only in STAINLESS STEEL Model

Power

Power	110-230 VAC (direct) and 12 VDC (adapter)
	Internal Rechargable Battery (IRB) Li-ion. External Battery Connection

Technical Specifications

Microprocessor	32 bit
Flash Memory	256 kb
RAM Memory	64 kb
A/D converter	24 bit, up to 120 samples/sec.
OIML Class III	Up to 6.000 divisions
Internal divisions	120.000
10V/m compliance	YES
Operating Temperature	- 10 ºC to + 40 ºC
Supply voltage	110-230 VAC (direct) and 12 VDC (adapter)
Loadcell excitation voltage	5 VDC
Minimum dead load signal	0 mV
Maximum dead load signal	2,5 mV
Minimum voltage of the measure range	0 mV
Maximum voltage of the measure range	15 mV
Signal voltage per verification scale interval	1 µV / e
Minimum Impedance	25 Ω
Loadcell cable	4 wires (original length) / 6 wires (no limitation)
Subtractive tare	- Max.
Zero setting margin	2%
Pi Fraction	0,5
Clock	Real Time Clock (RTC)

"Going Green"

RoHS compliance	YES
Stand-By Mode	YES
Internal Rechargable Battery (IRB)	Li-ion

PC Software

Programming and data management	VDC+DCS

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