DLXlc

Wireless module for load cells

The Wireless Value DLXlc measures weights using load cells and sends this data to the Base Station. The DLXlc is the ideal module for wireless weight measurement with high accuracy. The sensor transmits the measurement data in grams, making the measurement data easy to use.

Features

· Accurate and wireless sensing
· Battery lifetime of 1 year
· Compatible with all Wireless Value Base Stations
· 1.000 metre range (line of sight)

Applications

· Industrial
· Agri

Specifications

· Ability to buffer 10.000 measurements
· Programmable measuring interval
· Attractive ABS enclosure
· Wall-mountable
· Easy to add sensors to operational system
· User-replaceable battery
· Unique network ID to avoid interference with other wireless systems

Sensor values are sent by the paired Base Station to:

· Wireless Value Online Portal (LAN of mobile provider)
· Wireless Value Online Portal (on premises)
· Modbus-network (IP or RS485)
· SensorGraph via serial interface or LAN

wirelessvalue

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Model	wireless module
Type	load cells
Sensortype	external
Measurement range	
Range	dependend on type of load cell
Measurement accuracy	
Accuracy	+- 0,002 kg (load cell excluded)
Resolution	dependent on the connected load cell
Iinput impedance	100 K Ohm
Reference output voltage	2,5 V (max. 15 mA)
Max. strain gauge resistance	1K
Overload protection	30 V
Measurement interval	Configurable between 1 second and 255 minutes, default 2 minutes
Operating limits	-20 °C to +80 °C
Power supply	1 AA 3,6 V lithium battery
Battery lifetime	1 year
Memory	10.000 measurements
Radionorm	EN 300 220
Frequency	868 - 870 MHz
Legislation	RED, CE
Range	1.000 meter free line of sight
Housing class	IP65
Color	matt black
Dimensions	105(l) x 70(w) x 34(h) mm, excl. gland & wall mount
Weight	93 g (excluding battery
Configuration	SensorGraph of Wireless Value Online Portal
Order options	
Housing options	no
External antenna	no
Pressure relief	no
External power	no