

BX22 Weighing Indicator

Industrial indicator with lightning protection



Standard Features

- Stainless steel, IP67 protected for wet, hygienic & harsh areas
- 25 mm wide angle LCD display with multi-color backlight
- Up to 30 000d display resolution
- Long life Li-ion rechargeable battery



Lightning & Surge Voltage Protection

- Protected load cell entry
- Protected power line entry
- Galvanically isolated 2 piece RS232C serial interfaces
- Increased EMC immunity



BX22 is a high quality general purpose weighing indicator in stainless steel housing. Its optional alibi memory provides usage with non-approved PC software for approved scales.

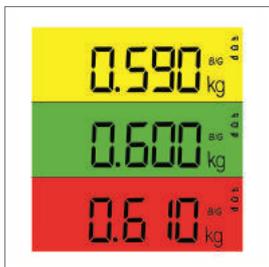
BX22L, the increased lightning & surge voltage protected variant of BX22, has a very high protection against lightning on its load cell and power supply connections. With its 2 pcs galvanically isolated RS232C ports, BX22L has important advantage for industrial weighing applications, in particular for weighbridges.

BX22 operation modes; basic weighing, classifying supported with color changing multi-color display and livestock weighing with smart dynamic filter.

With IP67 protected stainless steel housing, BX22 perfectly fits to wet, hygienic and harsh areas. BX22 and BX22L have re-chargeable Li-ion long life battery.

Typical Applications

- Basic weighing with multiple tare, auto tare, auto clear tare, auto print, unit change, etc.
- Classifying with color changing display at Under, OK and Over, status bar on display, 100 product memories, acoustic warning
- Livestock weighing with smart dynamic weighing algorithm
- Weighbridges againsts lightning and electrical discharge
- Industrial bench and floor scales in harsh environment



Technical Specifications

Accuracy	OIML R76 Class III																																					
EU type approval	6.000 intervals (single range) or 2 x 6000 intervals (multi range)																																					
Resolution	16 000 000 internal, up to 30 000d display resolution																																					
Weighing units	g, kg, oz, lb																																					
Unit change	g-oz and kg-lb change by pressing programmed function key																																					
Display	112 x 40 mm extra wide angle multi color backlighted LCD with 25 mm digit height																																					
Buzzer	Different buzzer mode to warn the operator at classifying																																					
Auto power off	Programmable for saving battery life																																					
Taring	Multiple, automatic and tare-clear in sequence																																					
Filter	Very low, low, medium high and very high																																					
G/N selection	If enabled, G/N indication by pressing function key																																					
Totalizing	Yes																																					
Classifying																																						
Product memory size	100 different products																																					
Operator prompting	Under, OK, Over status bars on multi color display and programmable buzzer																																					
Dynamic Weighing																																						
Animal weighing	Supported by smart dynamic weighing algorithms																																					
EMC protection	BX22	According to OIML R76 and related EMC standards																																				
	BX22L	Increased lightning protections of load cell, serial ports and power supply connection. RS-232C serial ports are galvanically isolated																																				
Interface	BX22	2 pieces RS-232C serial ports																																				
	BX22L	2 pieces galvanically isolated RS-232C serial ports																																				
Alibi memory	65 000 weighing records (optional)																																					
Data output	Programable as continuous or various weighing ticket format																																					
Date format	Programable to dd.mm.yyyy, mm.dd.yyyy or yyyy.mm.dd																																					
Printout language	English, French, German, Spanish and Turkish																																					
Weighing ticket samples	<table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th colspan="2">Weighing</th> <th colspan="2">Dynamic Weighing</th> <th colspan="2">Classifying</th> </tr> </thead> <tbody> <tr> <td>Weighing number</td> <td>#000010</td> <td>Weighing number</td> <td>#000014</td> <td>Weighing number</td> <td>#000024</td> </tr> <tr> <td>15-09-2012</td> <td>01:04:03</td> <td>15-09-2012</td> <td>01:08:57</td> <td>15-09-2012</td> <td>01:24:06</td> </tr> <tr> <td>Gross</td> <td>4.771 kg</td> <td>Dyn Gross</td> <td>4.771 kg</td> <td>Gross</td> <td>1.705 kg</td> </tr> <tr> <td>Tare</td> <td>1.675 kg</td> <td>Tare</td> <td>1.675 kg</td> <td>Tare</td> <td>1.675 kg</td> </tr> <tr> <td>Net</td> <td>3.097 kg</td> <td>Dyn Net</td> <td>3.096 kg</td> <td>Net</td> <td>0.030 kg OK</td> </tr> </tbody> </table>		Weighing		Dynamic Weighing		Classifying		Weighing number	#000010	Weighing number	#000014	Weighing number	#000024	15-09-2012	01:04:03	15-09-2012	01:08:57	15-09-2012	01:24:06	Gross	4.771 kg	Dyn Gross	4.771 kg	Gross	1.705 kg	Tare	1.675 kg	Tare	1.675 kg	Tare	1.675 kg	Net	3.097 kg	Dyn Net	3.096 kg	Net	0.030 kg OK
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Housing	Stainless steel, IP67, 224 x 134 mm																																					
Mounting accessories	Wall mount accessory is available as standard																																					
Number of load cells	Up to 4 load cells 350 Ω or up to 14 load cells 1200 Ω (min. 85 Ω)																																					
Battery	2000 mAh Li-Ion, up to 36 hours continuous operation for single load cell, 24 hours continuous operation for 4x350 Ohm load cells																																					
Power	100-240 VAC, 50-60 Hz, optional 12 VDC input																																					

Dimensions (mm)

