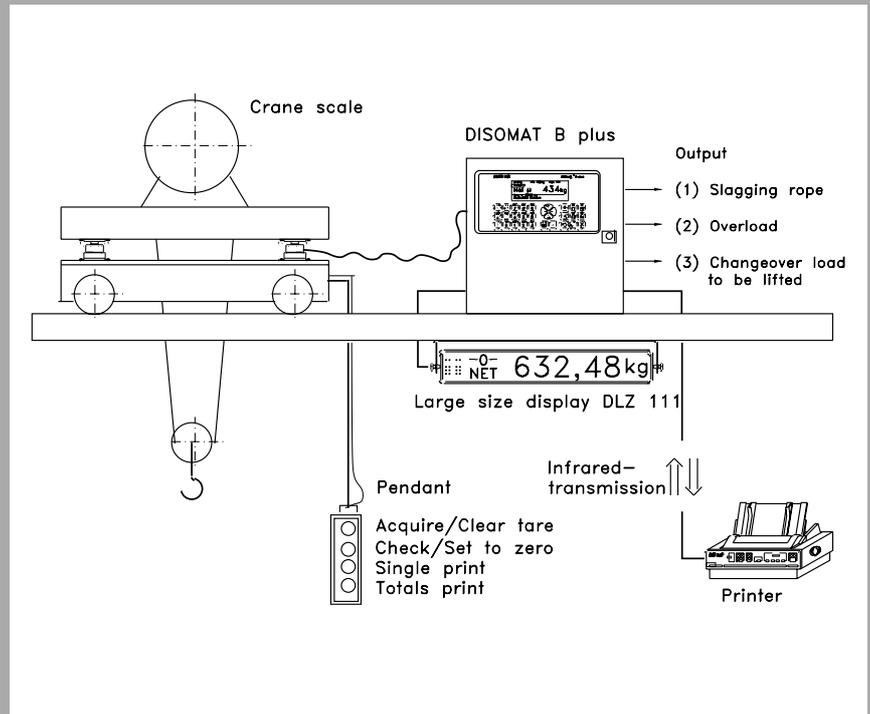


DISOMAT[®] B plus - Crane Scale

- Funktion block linkage for crane scales
- Control of weighing functions via crane pendant keys
- Remote printer procedure suitable for infrared data transmission
- Variable print pattern formatting
- Slack rope and overload reporting contacts
- Switching contact depending on load to be lifted
- Legal-for-trade data storage (optional)



Application

Crane Scale function block linkage provides all functions required for DISOMAT B plus to control a crane scale from crane cabin or ground station.

Equipment

Permanently stored in the DISOMAT B EPROM, linkage can be loaded by user and changed to suit his specific requirements. Individual functions, operating instructions, function block plan and parameter table are detailed in the Operating Manual.

If required, setting can be made by Schenck with known scale and calibration parameters as well as requisite function block parameters, such as MIN/MAX thresholds, being adapted accordingly.

Functions

All weighing functions can be triggered via input contacts from keys on pendant or via radio transmission. Cab controlled crane scales are operated direct from DISOMAT B plus keyboard. Before weighing start, the weight of auxiliaries can be tared off. The weighing result can be printed out as a list. Signal lamp array on large-size display DLZ 055 or DLZ 111 indicates printing in progress. To avoid double printing, no new print job is accepted before scale has been unloaded.

Every (aborted or completed) weighing operation is automatically totalised with weigh data being printed once weighing is complete.

Depending on TARE status, GROSS or NET weights are totalised, with the accumulation comprising the weight total and the number of weighings totalised. Accumulation can be displayed and printed.

Input Contact Assignment

- 1: Acquire/Clear Tare
- 2: Test/Zero Set/Acknowledge Error
- 3: Totals Printout
- 4: Single Printout

Output Contact Assignent

- 1: MIN Contact (Slack Rope)
- 2: MAX Contact (Overload)
- 3: Load Change-Over
- 4-6: not used

Function Keys

- Acquire tare
- Clear tare
- Display tare
- Key-in tare
- Set to zero
- Enter string
- Print single weight
- Print total and clear cumulative total
- Repeat printing
- Test functions

Print Pattern

Single Printout:

23.04.00	10:45:00	123		<99.5kg>Net
23.04.00	10:47:00	124		<100.0kg>Net
.				
23.04.00	11:55:00	150		<99.5kg>B
23.04.00	12:10:00	151		<99.0kg>B
23.04.00	12:25:00	152		<100.5kg>Net

With cab controlled cranes, you can enter a product data string for each printout. String remains stored until being overwritten.

Single Printout With String:

23.04.00	10:45:00	123	1234567890	<99.5kg>Net
23.04.00	10:47:00	124	1234567890	<100.0kg>Net
.				
23.04.00	11:55:00	150	333-247-A	<99.5kg>B
23.04.00	12:10:00	151	333-247-A	<99.0kg>B
23.04.00	12:25:00	152	333-247-A	<100.5kg>Net

Total Printout:

23.04.00	12:30:00	30		3001.5kg SU
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Options

- Printer
- Large-Size Displays
- Legal-for-trade memory
- Data transmission
- Bus interfaces

Variant

DISOMAT B plus Weighing terminal see Catatolg Sheet BV-D 2092 GB



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