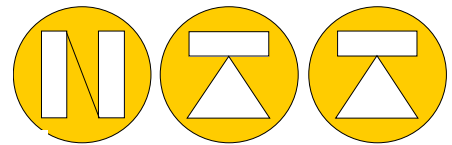


VT200/220 Vægtindikatorer



NORDIC TRANSDUCER



VT200S
med LED DISPLAY

VT220S
med LCD display

VT200/220

- EU godkendt op til 10.000 e.
- Dansk test DK 0199.27 klasse III
- Op til 70 målinger i sekundet.
- Alibi hukommelse for 10.000 operationer.
- Multi cell teknologi.
- Kan forsyne op til 10 x 350 ohm vejeceller.
- VT200S 20mm LED display med 6 cifre.
- VT220S 16mm LCD display med 6 cifre.
- Enkelt eller dobbelt veje område.
- Analog og digital filter.
- 2 grænseværdier med output.
- Tællefunktion.
- RS232 for PC eller printer.
- Summering.
- Display af total og antal vejninger.
- Løbende fejlkontrol med alarm funktion.
- Rustfrit stål kabinet (IP65)

OPTIONS

Input for yderligere 1 sæt vejeceller.
RS485 multidrop.
Analog 0/4-20mA - 0-10VDC udgang
Aluminum kabinet
Opladelig batteri (VT220)

Udskrift af vejebillet som kan opsættes efter ønske.

| SAMPLE WEIGHTTICKET PRINT OUT | | |
|---------------------------------------|---------|----------|
| Programmable weighttickets on request | | |
| LD5204 & LD5206 | | |
| Gross | Tare | Net |
| 12.345kg | 2.345kg | 10.000kg |

Standard funktioner:

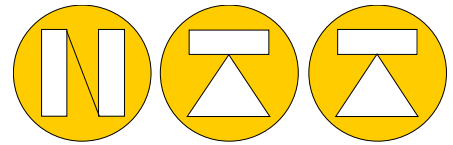
- ✓ 6 cifret vægt display med visning af; NET, NUL, MOTION og Minus stk. tælle tegn.
- ✓ Tara tast nustiller og sætter NET display mode.
- ✓ Print tast aktiverer udprintning og summerer i total.
- ✓ Total tast. Viser total på display og antal vejninger.
- ✓ Tælle tast. Aktiverer tælle funktion.
- ✓ Vægt skift tast. Skifter visning mellem 2 under parter (ekstra)



Alle typer af NTT vejeceller kan benytte til VT200/220 instrumenter !.



SPECIFICATIONS VT200 / VT220



NORDIC TRANSDUCER

EU TYPE APPROVAL
ACCURACY CLASS

10.000 divisions, DK 019927
III

DISPLAY - KEYBOARD

| | |
|-----------------------|--|
| DISPLAY | 6 digit, 7 segment, LED red (20mm) or LCD Display (16mm) |
| STATUS ANNUNCIATORS | Motion, net, minus sign, zero |
| KEYBOARD | 8 key membrane, with tactile feedback |
| DECIMAL POINT | Between any digit of the display |
| WEIGHT DISPLAY DIGITS | 5 |

A/D CONVERTER

| | |
|-----------------------|--|
| A/D CONVERTER TYPE | Sigma-delta ratiometric with integral analogue and digital filters |
| CONVERSION RATE | 5- 70 measurements per second (set-up selectable) |
| MINIMUM INPUT PER VSI | 0.4µV/d <i>legal for trade</i> , 0.1µV/d non approved |
| ANALOGUE INPUT RANGE | -0.25 to 4mVN for each load cell (-1 ,25mV -20mV) |
| RESOLUTION | Internal: 550.000 counts Display: 100.000 per mV/V input |

SCALE CALIBRATION &FUNCTIONS

| | |
|---------------------|---|
| CALIBRATION | Full digital menu driven. The weight display may be set to any capacity and resolution with 6 digits (subject to application and regulations), Two analogue inputs with individual calibration coefficients |
| DISPLAY STEP | 1, 2, 5, 10, 20, 50 |
| DIGITAL CALIBRATION | Deadload and Span measurement via keyboard dialogue menu. No interaction between dead load and span |
| WEIGHING FUNCTIONS | Auto zero maintenance, motion detection, auto-zero on power up, zero, tare, gross, test |
| FULL SCALE RANGE | The two most significant decades of the digital display are program mable from 1 to 99 for the full scale range, Single or dual interval |
| MEMORIES | Serial EEPROM calibration memory & Flash electronic tally-roll (Alibi) memory |
| SET-POINTS | Two Set-points |

LINEARITY & STABILITY

| | |
|---------------------------|---|
| LINEARITY | Within 0,002 % |
| LONG TERM STABILITY | <0,002 % per year |
| TEMPERATURE- COEFFICIENTS | Zero <2ppm /°C (chopped mode), Span <2ppm /°C |

LOAD CELLS

| | |
|----------------------|-------------------------------|
| NUMBER OF LOAD CELLS | Up to 10 x 350 ohm load cells |
| EXCITATION | 5V DC/ 150mA |
| CONNECTION | 6 wire |

COMMUNICATION

| | |
|---------------------|--|
| PORT #1 | RS232C 1200 baud |
| PORT #2 (optional) | RS485A Multidrop with Networking Address, 2400 to 57600 baud Baudrate, data bits, parity and data output are programmable (Printer output, weigh output, protocol output, network connection) |

POWER

220VAC / no outside adapter
9-12V DC/500mA can be used by disconnecting main supply

ENVIRONMENT/ENCLOSURE

| | |
|-----------------|-----------------------------|
| EMC | EN 45501 requirements |
| OPERATING TEMP. | -10°C to +40°C |
| STORAGE TEMP. | -20°C to + 70°C |
| HUMIDITY | 90% RH max. non condensing |
| ENCLOSURE | Stainless Steel, 253x153x60 |

OPTIONS

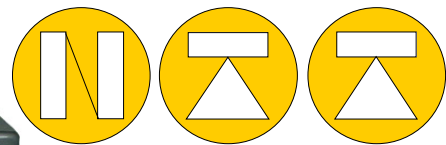
| | |
|--------------------------|---|
| BATTERY OPERATION LD5206 | 100 hours for one 350 ohm load cell connected |
| LOAD CELL PROTECTION | For Weighbridge Applications |



VTRD10 stor display

kan direkte tilsluttes standard instrumentet.

We reserve the right to modify above specifications without prior notice



NORDIC TRANSDUCER

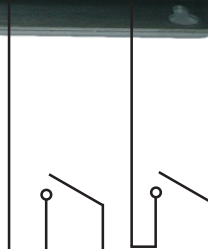


✓ Printer udgang med software opsætning af udprinting, også for billet printer.



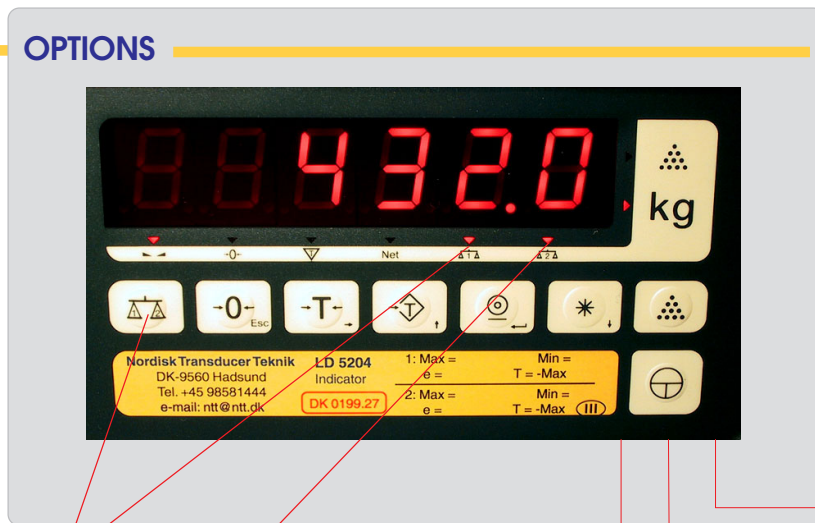
✓ Et sæt vejeceller med op til 10 x 350 Ohm celler, med mulighed for 2 vejeområder.

✓ 500.000 interne delinger, EU godkendt til 10.000 d



✓ 2 sæt grænserværdier med Transistor udgange, 24VDC ekstern forsyning.

OPTIONS



✓ RS232 PC kommunikation med op til 57600 baud og master slave protocol, download af etiket layout er også muligt.



✓ RS485 max. 57600 baud, master slave.



✓ 2 sæt vejeceller, hvor man kan skifte mellem disse, og hvis de har samme antal cifre (dog ikke kapacitet) og deling, så kan summen af disse 2 sæt også vises, som vist her!

✓ 4-20mA



Typisk for PLC kommunikation

✓ Analog udgang D/A = 65.000
0/4-20mA eller 0-10Volt
Ekstern 24V forsyning

