

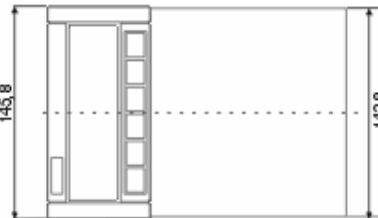
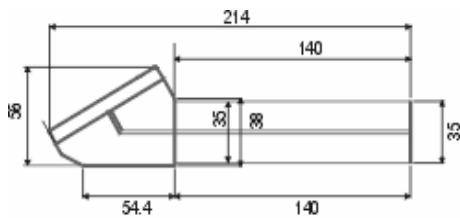
# DAN-TRANSDUCER ApS

## DIGITAL INDICATORS MODEL PWI-C

Designed for fast, accurate and high sensitive weight, force and pressure indication to be used for electronic scales and weighing systems.

PWI-C is used for column type.

The components forming the indicator are mainly SMD. With 24 bits A/D converter that is protected against RFI effects, PWI can achieve 1/ 100.000 display resolution.



## TECHNICAL SPECIFICATIONS

- Accuracy Class III d=6000
- It has Eu type approval besides the conformity for En 45501 and OIML R76 regulations and European Council 90/384 directives.
- Fast reading capability (50 conversions per second)
- Industrial IP54 protection class case
- It posses EU type approval and OIML R76 conformity certificates.
  
- Easy set-up via keypad
- RS-232 serial output
- Tare function
- Programmable digital filter
- 6000d or 5000d class III model choice
- 12-36 VDC or 12-24VAC Supply voltage.
- Programmable input gain with input range 1 mV/V -  $\pm 10$ mV/V

## OPTIONS

- LCD Display
- Remote display output
- RS 485
- RS 422 serial output

## DAN-TRANSDUCER ApS

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## DATA INFORMATION

### INPUT CHARACTERISTICS

Excitation voltage	10 V DC
Excitation current	<175mA. ( Up to 6 pieces 350 ohm Load cells )
Input sensitivity	1 $\mu$ V/digit
Accuracy	0,01%
Zero stability	10 ppm/°C
Gain stability	5 ppm/°C
Input impedance	>200 M ohm
Digital filter	1-99 Programmable Digital Averaging Filter

### OPERATOR HANDLING

Keypad	6 keys, dust and water resist, membrane type
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### DISPLAY

LED display	20mm 6 digit, kg, No-motion, Centre-of-zero, 4 Set-points
LCD Display	20mm 6 digit, kg, Analog Bar-graph, % Capacity, 2 Input, 7 Output, Up, Down, Equal, Tare, No-motion, Centre-of-zero

### ANALOG DIGITAL CONVERTER

A/D Converter	24 Bit Sigma-Delta
Conversion cycle	20 ms
Internal count	16.000.000

### PROCESSOR UNIT

ROM	8 KB
RAM	256 B
EEPROM	2 KB

### COMMUNICATION FEATURES

Inputs / Outputs	Serial RS-232 C (standard), RS-422, RS-485 (option)
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### POWER REQUIREMENTS

Voltage	12-36 V DC or 12-24 V AC
Power	15W (max)

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