

General information

PVS27720200512

The UWT 6008 weight transmitter comes from the Pavone Systems experience. It is a unique product in the weight transmitter family and is ideal for all industrial applications where it is necessary to know the load distribution on the different cells. It is able to monitor all load cells and generate alarms due to excessive cell signal drift, missing connections, failure of one of the cells, unbalanced weight distribution. The emulative control allows the continuity of work of the weighing system even in case of failure on one of the load cells, up to the replacement of the same. The Software Optimation is given for free. This Software allows you to run certain activities such as calibration or monitoring directly from your computer. The Optimation software is provided by Pavone Systems and guarantees a perfect instrument run.





Software Optimation 1.3.17: optimation_weighing_software.zip Technical Manual: uwt-6008_technical_manual.pdf

All indicated data may be changed without notice. All the measures indicated are expressed in millimeters (mr

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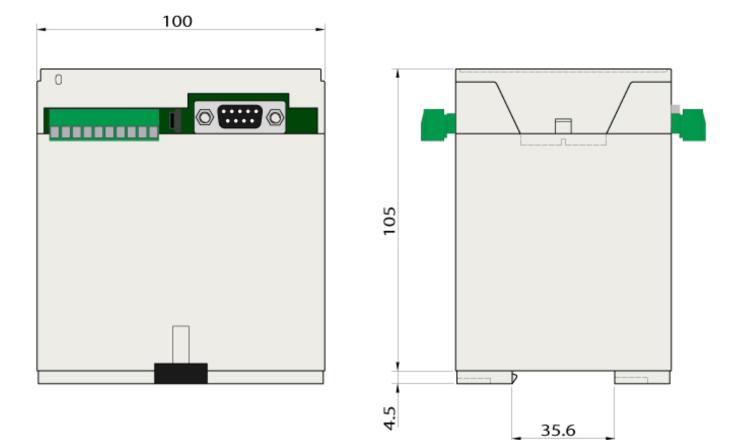


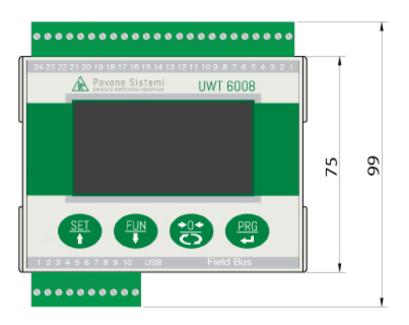
Technical specifications

Mesuring range:3.9 ± 4.3.9 mV/Input sensitivity:0.02 µ/countFull scale non-Linearity:<0.01%Gain drift:<0.001% FSPCDisplay:28.8 64-pixel graphic LCDAD Converter:24 bitsInternal Resolution:>16.000.000 pointsTaducer Input voltage:>16.000.000 pointsFrequency signal acquisition:>12.5 ± 00 HzVisible resolution (in divisions):999999Dislons value (acquisatable):0.4 ± 1.2 ± 5.00 ± 1.2 \pm 5.00 ± 1.2 \pm 5.00 \pm 1.2 \pm 5.00		
Full scale on-Linearity:.0.1%Gain drift:0.001% FS/°CDiplaj2:128 x 84-pixel graphic LCDAD Convertor:24 bitsInternal Resolution:16.000.000 pointsTraducer input voltage:5 Vdc (max. 230 mA)Frequency signal acquisition:12.5 ÷ 300 HZVisible resolution (in divisions):999999Division value (adjustable):11. x2. x5. x10. x20. x50Decimal figures range:0+4Temperature range:10 + + 50°C (humidity max 85% no condensation)Storage temperature:20 + 470°CFilter:5 + 250 HzLogic output:2 volays, Max. 48 Vac/Vdc, 2A eachLogic output:10 US device + 1 RS232C + 1 RS485, File/dbus, ASCII or Modbus RTUAnalog output Non-Linearity:<0.02%Power supply:12.24 Vdc ±15% - Power consumption 4 WMicrocentroller:API Contex M0+ at 32 bits, 256KB Filesh reprogrammable on-board from USBData storage:6 KN0:vee at 32 bits, 256KB Filesh test programmable on-board from USBData storage:6 KN0:vee at 32 bits, 256KB Filesh test programmable on-board from USBData storage:6 KN0:vee at 32 bits, 256KB Filesh test programmable on-board from USBData storage:6 KN0:vee at 32 bits, 256KB Filesh test programmable on-board from USBData storage:6 KN0:vee at 32 bits, 256KB Filesh test programmable on-board from USBData storage:6 KN0:vee at 32 bits, 256KB Filesh test programmable on-board from USBData storage:6 KN0:vee at 32 bits, 256KB Filesh test programmable on-board from USBData storage: <t< th=""><th>Measuring range:</th><th>-3.9 ÷ +3.9 mV/V</th></t<>	Measuring range:	-3.9 ÷ +3.9 mV/V
Gain drift:<0.001% FS/°C	Input sensitivity:	0.02 µV/count
Display:128 x 64-pixel graphic LCDAD Converter:24 bitsInternal Resolution:> 16.000.000 pointsTraducer input voltage:5 Vdc (max. 230 mA)Frequency signal acquisition:12.5 + 300 HzVisible resolution (in divisions):999999Divisions value (adjustable):x1, x2, x5, x10, x20, x50Decimal figures range:0 + 4Temperature range:-10 + + 50°C (humidity max 85% no condensation)Storage temperature:-20 + + 70°CFilter:5 + 250 HzLogic output:2 velosizada at 12/24 Vdc PNP (external power supply)Serial port:10 USB device + 1 RS232C + 1 RS485, Fieldbus, ASCII or Modbus RTUAnalog output Non-Linearity:< 0.02%Temperature diff analog output:0.01% FS/°CPower supply:12.24 Vdc ±15% - Power consumption 4 WMicrocontroller:ARM Cortex M0+ at 32 bits, 256KB Flash reprogrammable on-board from USBData storage:64 Kbytes expandable up to 1024 KbytesRegulatory compliance:12.8Visiber of load cells:1 ± 8	Full scale non-Linearity:	<0.01%
AD Converter: 24 bits Internal Resolution: > 16.000.000 points Traducer input voltage: 5 Vdc (max. 230 mÅ) Frequency signal acquisition: 12.5 + 300 Hz Visible resolution (in divisions): 999999 Divisions value (adjustable): x1, x2, x5, x10, x20, x50 Decimal figures range: 0 ÷ 4 Temperature range: 10 ÷ + 50°C (humidity max 85% no condensation) Storage temperature: -20 ÷ + 70°C Filter: 5 + 250 Hz Logic output: 2 opto-isolated at 12/24 Vdc PNP (external power supply) Strial port: 10 USB device + 1 RS232C + 1 RS485, Fieldbus, ASCII or Modbus RTU Anlag output Non-Linearity: < 0.02% Power supply: 12.44 Vdc ± 15% - Power consumption 4 W Microcontroller: ARM Cortex Mo+ at 32 bits, 256KB Flash reprogrammable on-board from USB Data storage: 64 Kbytes expandable up to 1024 Kbytes Regulatory compliance: 11 ÷ 8	Gain drift:	< 0.001% FS/°C
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Trasducer input voltage:5 Vdc (max. 230 mA)Frequency signal acquisition:12.5 + 300 HzVisible resolution (in divisions):999999Divisions value (adjustable):x1, x2, x5, x10, x20, x50Decimal figures range:0 + 4Temperature range:-10 + + 50°C (humidity max 85% no condensation)Storage temperature:-20 + 77°CFilter:5 + 250 HzLogic output:2 elays, Max. 48 Vac/Vdc, 2A eachLogic output:2 opto-isolated at 12/24 Vdc PNP (external power supply)Sterial port:1 USB device + 1 RS232C + 1 RS485, Fieldbus, ASCII or Modbus RTUAnalog output:0.001% FS/°CPower supply:12-24 Vdc ±15% - Power consumption 4 WMicrocontroller:ARM Cortex M0+ at 32 bits, 256KB Flash reprogrammable on-board from USBData storage:64 Kbytes expandable up to 1024 KbytesRegulatory compliance:EN61000-6-2, EN61000-6-3 for EMC; EN61010-1 for Electrical Safety, EN45501 for metrology	A/D Converter:	24 bits
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Analog output Non-Linearity:< 0,02%Temperature drift analog output:0,001% FS/°CPower supply:12-24 Vdc ±15% - Power consumption 4 WMicrocontroller:ARM Cortex M0+ at 32 bits, 256KB Flash reprogrammable on-board from USBData storage:64 Kbytes expandable up to 1024 KbytesRegulatory compliance:EN61000-6-2, EN61000-6-3 for EMC; EN61010-1 for Electrical Safety, EN45501 for metrologyNumber of load cells:1 ÷ 8	Logic input:	2 opto-isolated at 12/24 Vdc PNP (external power supply)
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Microcontroller: ARM Cortex M0+ at 32 bits, 256KB Flash reprogrammable on-board from USB Data storage: 64 Kbytes expandable up to 1024 Kbytes Regulatory compliance: EN61000-6-2, EN61000-6-3 for EMC; EN61010-1 for Electrical Safety, EN45501 for metrology Number of load cells: 1 ÷ 8	Temperature drift analog output:	0,001% FS/°C
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Regulatory compliance: EN61000-6-2, EN61000-6-3 for EMC; EN61010-1 for Electrical Safety, EN45501 for metrology Number of load cells: 1 ÷ 8	Microcontroller:	ARM Cortex M0+ at 32 bits, 256KB Flash reprogrammable on-board from USB
Number of load cells: 1 ÷ 8	Data storage:	64 Kbytes expandable up to 1024 Kbytes
	Regulatory compliance:	EN61000-6-2, EN61000-6-3 for EMC; EN61010-1 for Electrical Safety, EN45501 for metrology
Dimensions: 100 x 75 x 110 mm (L x H x P)	Number of load cells:	1 ÷ 8
	Dimensions:	100 x 75 x 110 mm (L x H x P)



Weight Transmitter UWT 6008





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