

The Levelpro ITC 650 Universal Data Logger can display current and record values from 8 different measuring channels. Each channel can be individually designated (described) with any engineering measuring unit. The LCD graphical display allows for visualization of the values from all 8 channels simultaneously. A significant advantage is possibility of viewing the trends in each measuring channel.

- Temp
- Flow
- Pressure
- PH
- Level
- Humidity
- Current



An example of what the display looks like

08:13:16 FRI 31.03.2006

1. Temperat	-0.3	C
2. Flow	98.9	m ³ /h
3. Humidity	14.1	%
4. Pressure	313	kPa
5. pH	8.2	
6. Redox	33.6	C
7. Level	13.57	H
8. Current	38.1	A

Universal 8-channel measuring view displayed at the same time

4. Pressure : 688kPa

The history of the process in time

12:11:43 THU 30.03.2006

3. temp. 3 [C]

68.8

Large Display

FEATURES

- Universal Multi-Channel Indicator
- LCD Graphic Display
- Up to 8 inputs Universal / (4-20mA)
- 2 Electronic Relay Outputs
- 24VDC Power Supply Output:
24VDC / 200mA
Will Power All 8 Channels
- RS-485 / Modbus RTU Standard
- Temperature / Flow / Humidity / Pressure / PH / Redox / Level / Current
- Viewing the Trends in each of the 8 Measuring Channels
- Any Text Description Possible: Name and Units
- Data transfer to the Master System via RS-485
- Password Protected

ORDERING

ITC 650-99-X128-1-X

number of channels:

- 2 : 2 x 4-20mA
- 4 : 4 x 4-20mA
- 8 : 8 x 4-20mA

power supply:

- 3 : 24VAC/DC
- 4 : 85V - 260VAC/DC

SPECIFICATIONS

Power Supply	120VAC - 24VDC
Power Consumption	typical 7VA / max. 12VA
Display	Back-lit / Graphic LCD / 128 x 64 points
Measuring Inputs	2 / 4 / 8 inputs / 0/4-20mA
Displayed Values Range	± 9999 + decimal point
Accuracy	0.1% @ 25°C
Stability	50 ppm/°C
Digital Outputs	non-volatile memory / EPROM type
Relays Outputs	2 electronic relays / NO type (ER1, ER2 with max. load 24VAC / 35VDC / 200mA
Transducer Power Supply Output	24VDC ±5% / max. 200mA, stabilized, not insulated from measuring inputs
Communication Interface	RS-485, 8N1 and 8N2, 1200 bit/s ÷ 115200 bit/s, Modbus RTU /galvanically separated
Operating Temperature	-10°C - +70°C
Protection Class:	IP 65 (front), available options: additional frame IP 65 for panel cutout sealing, transparent door STD-99, see: accessories; IP 20
Case	NEMA 4X Face Plate
Case Material	NORYL - GFN2S E1
Case Dimensions	96 x 96 x 100 mm
Panel Cut-Out Dimensions	90.5 x 90.5 mm
Installation Depth	min. 102 mm
Board Thickness	max. 5 mm

