LARGE SIZE DISPLAYS

LUMEL

DISCOVER LUMEL

Numerical 7-SEGMENT LED Type 8

For INDOOR applications   IP40

- **DL1** - 1 or 2 rows, 100mm height
- **DL11** - 1 row, 100mm height, unit field
- **DL12** - 2 rows, 100mm height, unit field
- **DL13** - 3 rows, 100mm height, unit field
- **DL21** - 1 row, 100mm height, unit field + three colours!!!
- **DLZ** - Digital clock combined with temperature and humidity, 100mm height

DL21

With changing colours!!

DL1

DLZ Time, date, temp., humidity

DL12

Numerical LED Type 8

For OUTDOOR applications   IP65 !

- **DN1** - 2...5 digits, 100mm height,
- **DN2** - 2...5 digits, 200mm height,
- **DN3** - 2...5 digits, 300mm height,
- **DZ2** - clock, 200mm height, with DCF receiver
- **DZ3** - clock, 300mm height, with DCF receiver

DN1

Automatic brightness control !!!

DN2

Plan 600 pcs.
Made 458 pcs.

DZ2

2005-11-03

ALPHANUMERICAL AND GRAPHICAL TYPE

IP65 ! **DAZ1**

OUTSIDE TEMP. 15°C
INSIDE TEMP. 25°C
TIME 15:31
HAVE A NICE DAY

For OUTDOOR applications

- **DAZ1** - graphical 128x32 pixels, 320mm height

DA1

09:03:06 2008-01-14
LUNCH BREAK
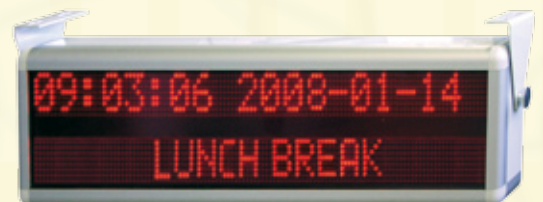
For INDOOR applications IP40

- **DA1 01** - text, 2 rows x 20 chars, 60mm height
- **DA1 02** - text, 3 rows x 24 chars, 60mm height
- **DA1 03** - graphical 16x120 points
- **DA1 04** - graphical 32x144 points

ALL DISPLAYS have input RS485 Modbus and they can cooperate with different devices which can measure:

- DC °C (20mA, 10V, PT100) - nonverical SM1
- °C - transducer P18
- converter and counter SM3
- AC (1phase) - transducer P12P

Transmission of the data to and from the display can be realized by additional devices:

- Ethernet - converter PD8
- RADIO - converter SM7
- USB - converter PD10

APPLICATIONS

SM3 – pulse / binary counter

Pipeline

Flow Sensor

pulse

RS 485

Data bus RS 485

DL11

19.9 litres
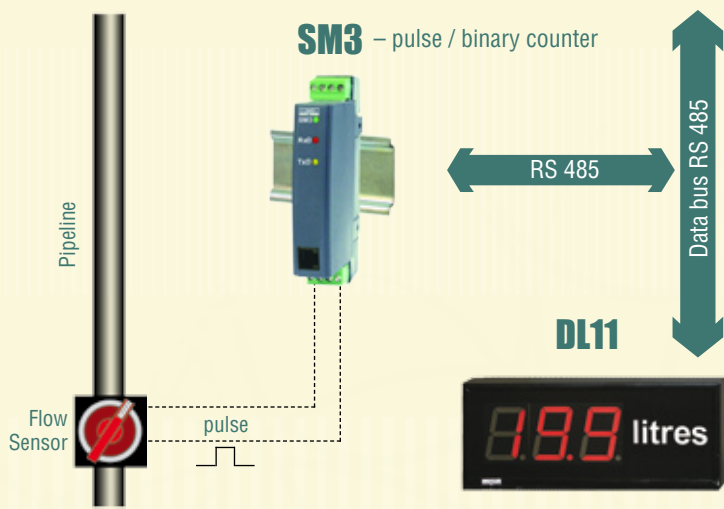
Measurement and visualization of the flow on pipeline

DN1

Plan 600 pcs.
Made 458 pcs.

P120

Optical sensor

Plan settings

RS 485

Data bus RS 485

PC
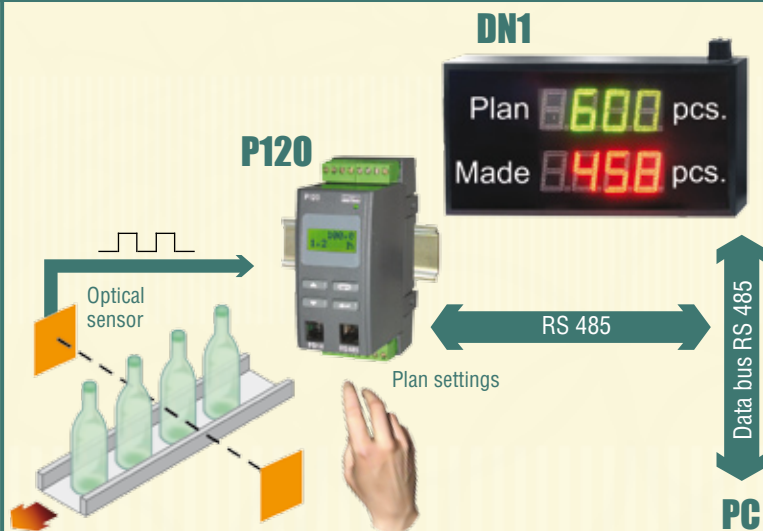
Measurement and visualization of the production flow

DL21

13.5 °C

Temp. PT100
or
0/4-20mA
0-10V

RS 485

Data bus RS 485

SM1 – converter of analogue signals

Measurement and visualization of temperature from Pt100 sensor or from standard analogue signals

DN2

N   L1

20.93 MW

RS 485

Data bus RS 485

PC

P12P – 1-phase network parameter transducers
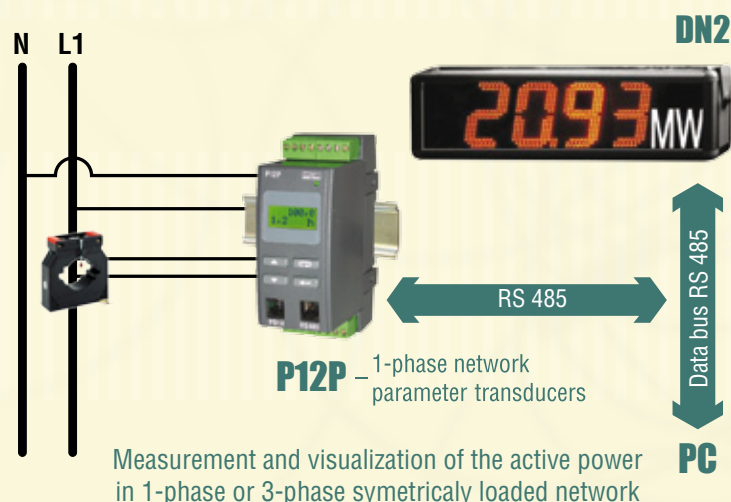
Measurement and visualization of the active power in 1-phase or 3-phase symetricaly loaded network

P18 – temperature and humidity transdcuer

RS 485

RS 485

DL12

21.5 °C
15.0 %
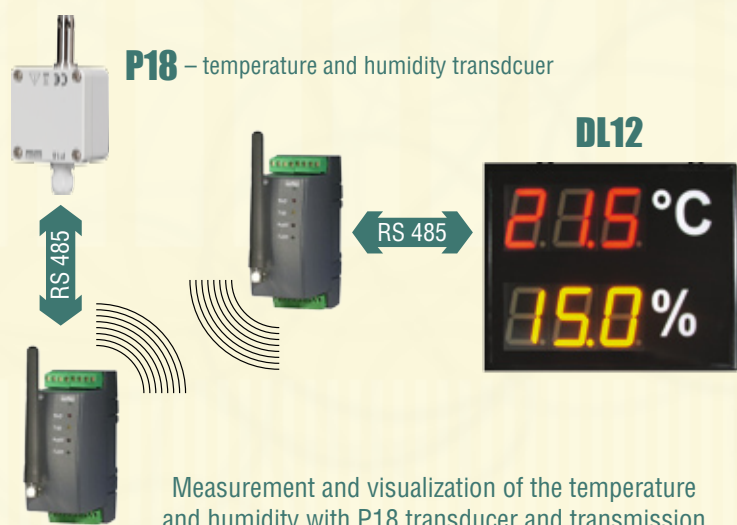
Measurement and visualization of the temperature and humidity with P18 transducer and transmission measured data via SM7 radio modules

DAZ
set of two panels

LUMEL

OUTSIDE TEMP. 15°C
INSIDE TEMP. 25°C
TIME 15:31
HAVE A NICE DAY

PC computer

RS 485

USB

PD10
converter USB->RS485
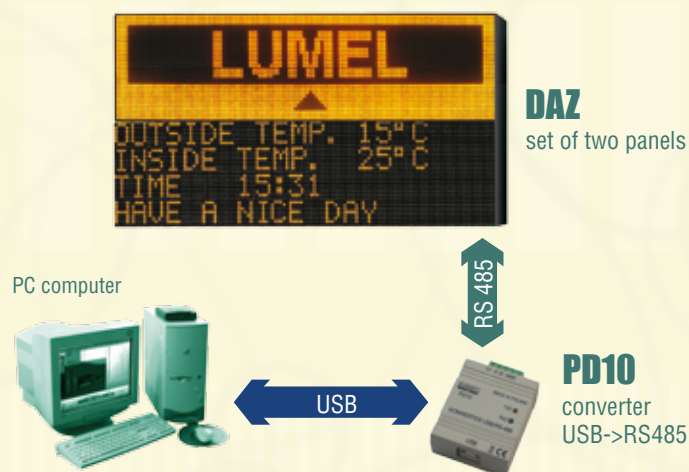
Programming of the DAZ displays via PD10 USB converter into RS485 Modbus.

COME AND SEE US!

We also offer: analog meters, digital meters, large-size displays, power network parameter analysers, measuring transducers, industrial process controllers, recorders, power controllers, solide state relays, elements of integration systems, synchronizing units, electronic watt-hour meters, shunts.