



ELECTRONIC TECHNOLOGIES FOR THE ENVIRONMENT

Electronic control systems for dedusting plant for air and gas

- **PRODUCTS FOR NON-CLASSIFIED AREAS AND ATEX ZONES**
- Sequencers with and without digital differential pressure control
- Differential pressure control
- Absolute pressure control
- Emissions control
- BUS-SYSTEM: Sequencers with 3-wire serial connection
- Devices with RS485 serial line for sending data to the ESANET software
- Equipment for classified areas ATEX ZONE 22
- Equipment for classified areas ATEX zona 1-21 explosion-proof



Remote management software for dust collection systems

- ESANET: Software for Remote Management via RS485

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Ex22 = ATEX ZONE 22

Ex1d = ATEX Zona 1, 21 in explosion-proof enclosure

SEQUENCERS WITH DIFFERENTIAL PRESSURE CONTROL

Alphanumeric display 16 x 4 • Max 32 outputs for electrovalves •



DM24xy7.2 € 1.250,00
DM32xy7.2 € 1.300,00



Ex22DM24xy7.20 € 1.310,00
Ex22DM32xy7.20 € 1.365,00

Alphanumeric display 16 x 4 • Max 48 outputs for electrovalves •



DM48xy9.25 € 1.900,00



Ex22DC48xy40.25 € 2.000,00

Alphanumeric display 16 x 4 • Max 96 outputs for electrovalves •



DM72xy9.35 € 2.100,00
DM96xy9.35 € 2.200,00



Ex22DC72xy40.25 € 2.200,00
Ex22DC96xy40.25 € 2.300,00

OPTIONS ON REQUEST

The cost of optional options must be added to the list price of the sequencer

- TC50 probe with 4 ÷ 20 mA output signal
- Ex22TC50 probe with 4 ÷ 20 mA output signal
- For the RS485 serial line connection

TC50 € 1.135,00
TC50 € 1.309,00
D16 € 466,00

Alphanumeric display 16 x 4 • Max 96 outputs for electrovalves •



LDM24xy0 € 1.150,00
LDM32xy0 € 1.200,00
LDM48xy0 € 1.300,00
LDM72xy0 € 1.400,00
LDM96xy0 € 1.500,00

OPZIONI A RICHIESTA

- TC50 probe with 4 ÷ 20 mA output signal
- Ex22TC50 probe with 4 ÷ 20 mA output signal
- For the RS485 serial line connection

TC50 € 1.135,00
TC50 € 1.309,00
D16 € 466,00

x = Tensione di Alimentazione

y = Tensione di uscita per elettrovalvole

SEQUENCERS WITH DIFFERENTIAL PRESSURE CONTROL

- Alphanumeric display 16 x 2 • Max 16 outputs for electrovalves •

NOT CLASSIFIED AREA



DC4xy7.4	€ 548,00
DC8xy7.4	€ 593,00
DC12xy7.4	€ 638,00
DC16xy7.4	€ 683,00

ATEX ZONE 22



Ex22DC4xy7.40	€ 575,00
Ex22DC8xy7.40	€ 623,00
Ex22DC12xy7.40	€ 669,00
Ex22DC16 xy7.40	€ 718,00

- Alphanumeric display 16 x 2 • Max 32 outputs for electrovalves •



DC24xy7.2	€ 824,00
DC32xy7.2	€ 930,00



Ex22DC24xy7.20	€ 865,00
Ex22DC32xy7.20	€ 976,00

- Alphanumeric display 16 x 2 • Max 48 outputs for electrovalves •



DC48xy9.25	€ 1.494,00
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Ex22DC48xy40.25	€ 1.568,00
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- Alphanumeric display 16 x 2 • Max 96 outputs for electrovalves •



DC72xy9.35	€ 1.695,00
DC96xy9.35	€ 1.801,00



Ex22DC72xy40.25	€ 1.780,00
Ex22DC96xy40.25	€ 1.892,00

- Alphanumeric display 16 x 2 • Max 120 outputs for electrovalves •



DC120xy9.55	€ 2.861,00
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OPTIONS ON REQUEST

- Output 4 ÷ 20 mA dP signal
- For the RS485 serial line connection

C11a	€ 74,00
D16	€ 466,00

The cost of optional options must be added to the list price of the sequencer

- Display LED 5 digit • Max 96 outputs for electrovalves •



DB24xy9.25	€ 1.483,00
DB48xy9.25	€ 1.727,00



Ex22DB24xy40.25	€ 1.558,00
Ex22DB48xy40.25	€ 1.813,00
Ex22DB96xy40.25	€ 2.058,00



DB96xy9.35	€ 1.960,00
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OPTIONS ON REQUEST

- Output 4 ÷ 20 mA dP signal
- For connecting TC emission control probe
- TC50 probe with 4 ÷ 20 mA output signal
- Ex22TC50 probe with 4 ÷ 20 mA output signal

C11a	€ 74,00
D11	€ 190,00
TC50	€ 1.135,00
TC50	€ 1.309,00

The cost of optional options must be added to the list price of the sequencer

x = Supply voltage

y = Output voltage for solenoid valves

SEQUENCERS WITH DIFFERENTIAL PRESSURE CONTROL

- Alphanumeric display 16 x 2 • Max 48 outputs for electrovalves • ATEX ZONA 1,21 •



- Codice: Ex1dDC
- Sequencer in explosion-proof enclosure

CONTACT TECHNICAL OFFICE FOR FURTHER INFORMATION

- Alphanumeric display 16 x 2 • Max 120 outputs for electrovalves •



LDC4xy0	€	548,00
LDC8xy0	€	593,00
LDC12xy0	€	638,00
LDC16xy0	€	683,00
LDC24xy0	€	760,00
LDC32xy0	€	866,00
LDC48xy0	€	1.141,00
LDC72xy0	€	1.262,00
LDC96xy0	€	1.336,00
LDC120xy0	€	1.986,00

OPTIONS ON REQUEST

The cost of optional options must be added to the list price of the sequencer

- Output 4 ÷ 20 mA dP signal C11a € 74,00

- Alphanumeric display 16 x 2 • Max 12 outputs for electrovalves • Panel Fixing •



LC6xy3.1	€	505,00
LC12xy3.1	€	538,00

OPTIONS ON REQUEST

The cost of optional options must be added to the list price of the sequencer

- Output 4 ÷ 20 mA dP signal C11a € 74,00
- Transparent keyboard membranelP65 LC2 € 55,00

- Display LED 3 digit • Max 16 outputs for electrovalves •

NOT CLASSIFIED AREA



BB4xy1.3	€	423,00
BB8xy1.3	€	439,00
BB12xy1.3	€	454,00
BB16xy1.3	€	502,00

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Ex22BB4xy1.30	€	444,00
Ex22BB8xy1.30	€	461,00
Ex22BB12xy1.30	€	478,00
Ex22BB16xy1.30	€	528,00

- Display LED 3 digit • Max 32 outputs for electrovalves •



BB24xy1.55	€	618,00
BB32xy1.55	€	731,00



Ex22BB24xy1.550	€	649,00
Ex22BB32xy1.550	€	767,00

- Display LED 3 digit • Max 48 outputs for electrovalves •



BB40xy7.5	€	1.033,00
BB48xy7.5	€	1.137,00



Ex22BB40xy7.50	€	1.084,00
Ex22BB48xy7.50	€	1.193,00

OPTIONS ON REQUEST

- Output 4 ÷ 20 mA dP signal C11a € 74,00

The cost of optional options must be added to the list price of the sequencer

x = Supply voltage

y = Output voltage for solenoid valves

SEQUENCERS WITH DIFFERENTIAL PRESSURE CONTROL

- Display LED 5 digit • Max 96 outputs for electrovalves •



LDB24xy0	€ 760,00
LDB48xy0	€ 1.141,00
LDB96xy0	€ 1.336,00

OPTIONS ON REQUEST

The cost of optional options must be added to the list price of the sequencer

- Output 4 ÷ 20 mA dP signal C11a € 74,00

- Display LED 3 digit • Max 20 outputs for electrovalves •



NOT CLASSIFIED AREA

BC8xy1.55	€ 519,00
BC20xy1.55	€ 656,00



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Ex22BC8xy1.550	€ 544,00
Ex22BC20xy1.550	€ 689,00

- Display LED 3 digit • Max 36 outputs for electrovalves •



BC28xy7.5	€ 819,00
BC36xy7.5	€ 1.059,00



Ex22BC28xy7.50	€ 860,00
Ex22BC36xy7.50	€ 1.112,00

OPTIONS ON REQUEST

- Output 4 ÷ 20 mA dP signal C11a € 74,00

The cost of optional options must be added to the list price of the sequencer

SEQUENCERS WITH DIFFERENTIAL PRESSURE CONTROL COMPLETE WITH ELECTROPILOTS

- Display LED 3 digit • Max 4/8 electropilots •



NOT CLASSIFIED AREA

EB4xU1.55+PL-T	€ 651,00
EB8xU1.55+PL-T	€ 950,00



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Ex22EB4xU1.550+PL-T	€ 683,00
Ex22EB8xU1.550+PL-T	€ 997,00

- Display LED 3 digit • Max 12/16 electropilots •



EB12xU1.6+PL-T	€ 1.372,00
EB16xU1.6+PL-T	€ 1.668,00



Ex22EB12xU1.60+PL-T	€ 1.441,00
Ex22EB16xU1.60+PL-T	€ 1.751,00

OPTIONS ON REQUEST

- Output 4 ÷ 20 mA dP signal C11a € 74,00

The cost of optional options must be added to the list price of the sequencer

x = Supply voltage

y = Output voltage for solenoid valves

SEQUENCERS WITHOUT DIFFERENTIAL PRESSURE CONTROL

- Alphanumeric display 16 x 2 ▪ Max 16 outputs for electrovalves ▪

NOT CLASSIFIED AREA



SC4xy7.4	€ 465,00
SC8xy7.4	€ 472,00
SC12xy7.4	€ 482,00
SC16xy7.4	€ 502,00

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Ex22SC4xy7.40	€ 470,00
Ex22SC8xy7.40	€ 480,00
Ex22SC12xy7.40	€ 494,00
Ex22SC16 xy7.40	€ 528,00

- Alphanumeric display 16 x 2 ▪ Max 32 outputs for electrovalves ▪



SC24xy7.2	€ 741,00
SC32xy7.2	€ 778,00



Ex22SC24xy7.20	€ 825,00
Ex22SC32xy7.20	€ 865,00

- Alphanumeric display 16 x 2 ▪ Max 48 outputs for electrovalves ▪



SC48xy9.25	€ 1.303,00
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Ex22SC48xy40.25	€ 1.368,00
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- Alphanumeric display 16 x 2 ▪ Max 96 outputs for electrovalves ▪



SC72xy9.35	€ 1.626,00
SC96xy9.35	€ 1.684,00



Ex22SC72xy40.25	€ 1.708,00
Ex22SC96xy40.25	€ 1.802,00

- Alphanumeric display 16 x 2 ▪ Max 120 outputs for electrovalves ▪



SC120xy9.55	€ 2.739,00
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- Display LED 5 digit ▪ Max 96 outputs for electrovalves ▪



SB24xy9.25	€ 1.494,00
SB48xy9.25	€ 1.674,00



Ex22SB24xy40.25	€ 1.568,00
Ex22SB48xy40.25	€ 1.759,00
Ex22SB96xy40.25	€ 1.897,00



SB96xy9.35	€ 1.806,00
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x = Supply voltage

y = Output voltage for solenoid valves

SEQUENCERS WITHOUT DIFFERENTIAL PRESSURE CONTROL

- Alphanumeric display 16 x 2 • Max 48 outputs for electrovalves • ATEX ZONA 1,21 •



- Code: Ex1dSC
- Sequencer in explosion-proof enclosure

CONTACT TECHNICAL OFFICE FOR FURTHER INFORMATION

- Alphanumeric display 16 x 2 • Max 120 outputs for electrovalves •



LSC4xy0	€	465,00
LSC8xy0	€	472,00
LSC12xy0	€	482,00
LSC16xy0	€	503,00
LSC24xy0	€	677,00

LSC32xy0	€	714,00
LSC48xy0	€	970,00
LSC72xy0	€	1.203,00
LSC96xy0	€	1.256,00
LSC120xy0	€	1.880,00

- Alphanumeric display 16 x 2 • Max 12 outputs for electrovalves • Panel Fixing •



LG6xy3.1	€	423,00
LG12xy3.1	€	444,00

OPTIONS ON REQUEST

The cost of optional options must be added to the list price of the sequencer

- Transparent keyboard IP65 LC2 € **55,00**

- Display LED 3 digit • Max 8 outputs for electrovalves •

NOT CLASSIFIED AREA



PB4xy1.2	€	242,00
PB8xy1.2	€	246,00

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Ex22PB4xy1.20	€	254,00
Ex22PB8xy1.20	€	259,00

- Display LED 3 digit • Max 16 outputs for electrovalves •



PB12xy1.3	€	280,00
PB16xy1.3	€	313,00



Ex22PB12xy1.30	€	296,00
Ex22PB16xy1.30	€	328,00

- Display LED 3 digit • Max 32 outputs for electrovalves •



PB24xy1.55	€	391,00
PB32xy1.55	€	487,00



Ex22PB24xy1.550	€	411,00
Ex22PB32xy1.550	€	512,00

- Display LED 3 digit • Max 48 outputs for electrovalves •



PB40xy7.5	€	688,00
PB48xy7.5	€	784,00



Ex22PB40xy7.50	€	722,00
Ex22PB48xy7.50	€	822,00

x = Supply voltage

y = Output voltage for solenoid valves

SEQUENCERS WITHOUT DIFFERENTIAL PRESSURE CONTROL

- Display LED 3 digit ▪ Max 20 outputs for electrovalves ▪

NOT CLASSIFIED AREA



PC8xy1.55	€	455,00
PC20xy1.55	€	492,00

ATEX ZONE 22



Ex22PC8xy1.550	€	477,00
Ex22PC20xy1.550	€	516,00

- Display LED 3 digit ▪ Max 36 outputs for electrovalves ▪



PC28xy7.5	€	716,00
PC36xy7.5	€	1.002,00



Ex22PC28xy7.50	€	750,00
Ex22PC36xy7.50	€	1.051,00

- Visualization LED ▪ Max 12 outputs for electrovalves ▪



P12xy1.4	€	431,00
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- Visualization LED ▪ Max 24 outputs for electrovalves ▪



P24xy1.55	€	507,00
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SEQUENCERS WITHOUT DIFFERENTIAL PRESSURE CONTROL AND ELECTROPILOTS

- Display LED 3 digit ▪ Max 4/8 electropilots ▪

NOT CLASSIFIED AREA



FB4xU1.55+PL-T	€	581,00
FB8xU1.55+PL-T	€	899,00



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Ex22FB4xU1.550+PL-T	€	609,00
Ex22FB8xU1.550+PL-T	€	944,00

- Display LED 3 digit ▪ Max 12/16 electropilots ▪



FB12xU1.6+PL-T	€	1.314,00
FB16xU1.6+PL-T	€	1.593,00



Ex22FB12xU1.60+PL-T	€	1.379,00
Ex22FB16xU1.60+PL-T	€	1.673,00

x = Supply voltage

y = Output voltage for solenoid valves

BUS SYSTEM - SEQUENCERS WITH DIFFERENTIAL PRESSURE CONTROL

- Alphanumeric display 16 x 2 ▪ Max 96 electrovalves for line ▪

NOT CLASSIFIED AREA



DSA1xU7.4 € 603,00

ATEX ZONE 22



Ex22DSA1xU7.40 € 635,00

- Alphanumeric display 16 x 2 ▪ Max 96 electrovalves for line ▪ Panel Fixing ▪



LM1xU3.2 € 413,00

- Display LED 3 digit ▪ Max 96 electrovalves for line ▪

NOT CLASSIFIED AREA



BE1xU6.1 € 381,00

ATEX ZONE 22



Ex22BE1xU6.10 € 400,00

BUS SYSTEM - SEQUENCERS WITHOUT DIFFERENTIAL PRESSURE CONTROL

- Alphanumeric display 16 x 2 ▪ Max 96 electrovalves for line ▪

NOT CLASSIFIED AREA



DSR1xU7.4 € 571,00

ATEX ZONE 22



Ex22DSR1xU7.40 € 593,00

- Display LED 3 digit ▪ Max 96 electrovalves for line ▪

NOT CLASSIFIED AREA



PE1xU6.1 € 328,00

ATEX ZONE 22



Ex22PE1xU6.10 € 344,00

OPTIONS ON REQUEST

The cost of optional options must be added to the list price of the sequencer

- | | | |
|---|----------|-------------|
| • Output 4 ÷ 20 mA dP signal (Only DSA1,LM1,BE1) | C11a | € 74,00 |
| • For connecting TC emission control probe (Only DSA1) | D11 | € 190,00 |
| • TC50 probe with 4 ÷ 20 mA output signal (Only DSA1) | TC50 | € 1.135,00 |
| • Ex22TC50 probe with 4 ÷ 20 mA output signal (Only Ex22DSA1) | Ex22TC50 | € 1.309,00 |
| • For the RS485 serial line connection (Only DSA1) | D16 | € 466,00 |
| • Transparent keyboard membranelP65 (Only LM1) | LC2 | € 55,00 |

BUS SYSTEM - REMOTE UNITS

- Max 6 outputs for electrovalves ▪

NOT CLASSIFIED AREA



RUC6UU1.2 € 201,00

ATEX ZONE 22



Ex22RUC6UU1.20 € 222,00



- Max 12 outputs for electrovalves ▪



RUC12UU1.3 € 317,00



Ex22RUC12UU1.30 € 333,00



BUS SYSTEM - REMOTE UNITS

- Max 4 / 6 / 12 electropilots ▪



RUP4UU1.2 € 601,00
RUP6UU1.3 € 823,00
RUP12UU1.55 € 1.531,00



Ex22RUP4UU1.20 € 631,00
Ex22RUP6UU1.30 € 865,00
Ex22RUP12UU1.550 € 1.605,00



DIFFERENTIAL PRESSURE CONTROL



- Wall mounted
- Output 4 ÷ 20 mA

DSPx.7.4 € 571,00



- Wall mounted
- Output 4 ÷ 20 mA



Ex22DSPx.7.4 € 600,00

OPTIONS ON REQUEST

The cost of optional options must be added to the list price of the sequencer

- For the RS485 serial line connection

D16 € 466,00



- Wall mounted
- Output 4 ÷ 20 mA

BPBx.6.1 € 326,00



- Wall mounted
- Output 4 ÷ 20 mA

Ex22BPBx.6.10 € 343,00



- Panel Fixing
- Output 4 ÷ 20 mA

LPCx.3.1 € 444,00

x = Supply voltage
U = 24 VDC

PRESSURE STABILIZER FOR INVERTER

NOT CLASSIFIED AREA



▪ Wall mounted

DSFx.7.4

€ 582,00



▪ Panel fixing

LFCx3.1

€ 529,00

ATEX ZONE 22



▪ Wall mounted

Ex22DSFx.7.40

€ 612,00



PRESSURE TRANSMITTER WITH OUTPUT 4 ÷ 20 mA



▪ Wall mounted

TP11

€ 434,00



▪ Wall mounted

Ex22TP11

€ 455,00



ABSOLUTE PRESSURE CONTROL



TP30

€ 344,00

DUST CONTROL PROBES

▪ Output 4 ÷ 20 mA



TC50-ddd

€ 1.135,00

▪ Output 4 ÷ 20 mA



Ex22TC50-ddd

€ 1.309,00



▪ Changeover relay output



TC50R-ddd

€ 1.135,00

▪ Changeover relay output



Ex22TC50R-ddd

€ 1.309,00



▪ With steel rope
▪ Output 4 ÷ 20 mA



TC50F-ff

€ 1.135,00

▪ With steel rope
▪ Output 4 ÷ 20 mA



Ex22TC50F-ff

€ 1.309,00



▪ Ceramic insulator KIT for Probe with rope TC50F / Ex22TC50F

TC42 € 424,00

ddd = Steel rod length
Lengths available in mm: 75, 100, 150, 200, 250, 300, 350, 400, 500, 650, 800, 1000, 1500
ff = Steel rope length (Available from 4 to 20 mt)

CONTROLLER FOR DUST EMISSIONS AND DIFFERENTIAL PRESSURE

NOT CLASSIFIED AREA



- Dust control
- Wall mounted

DST1x.7.4 € 571,00



- Dust control

LDST1x0 € 572,00



- Dust control and pressure
- Wall mounted

DMT2x.7.4 € 1000,00



- Dust control and pressure
- Input 4 ÷ 20 mA
- Wall mounted

DMT3x.7.2 € 1100,00



- Dust control
- Max 4 TC Probe
- Wall mounted

DMT4x.7.2 € 1300,00

ATEX ZONE 22



- Dust control
- Wall mounted



Ex22DST1x.7.40 € 600,00



- Dust control and pressure
- Wall mounted



Ex22DMT2x.7.40 € 1050,00



- Dust control and pressure
- Input 4 ÷ 20 mA
- Wall mounted



Ex22DMT3x.7.20 € 1155,00



- Dust control
- Max 4 TC Probe
- Wall mounted



Ex22DMT4x.7.20 € 1365,00

OPTIONS ON REQUEST

The cost of optional options must be added to the list price of the sequencer

- TC50 probe with 4 ÷ 20 mA output signal
- Probe Ex22TC50 with output 4 ÷ 20 mA
- For the RS485 serial line connection

TC50	€ 1.135,00
Ex22TC50	€ 1.309,00
D16	€ 466,00

x = Supply voltage

SOFTWARE

- **ESANET** Software for managing devices with RS 485 serial line

CONTACT THE TECHNICAL OFFICE ABOUT INFORMATION ON ESANET

FIELDBUS

- **Profinet**
- **Profibus**

CONTACT THE TECHNICAL OFFICE ABOUT INFORMATION Profinet E Profibus

FILTER SYSTEM WITH COMPARTMENTS

CONTACT THE TECHNICAL OFFICE ABOUT INFORMATION FILTER SYSTEM WITH COMPARTMENTS