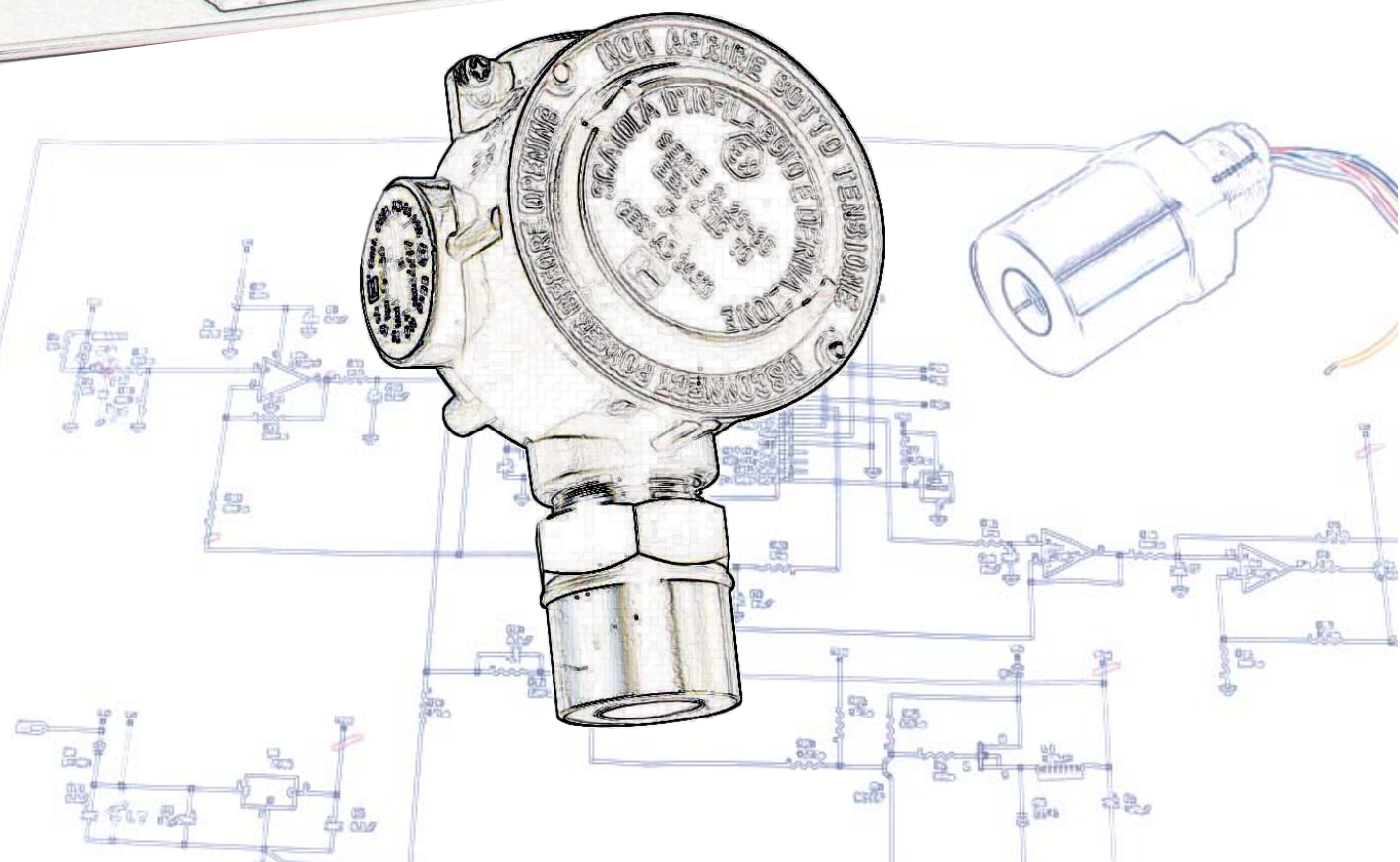
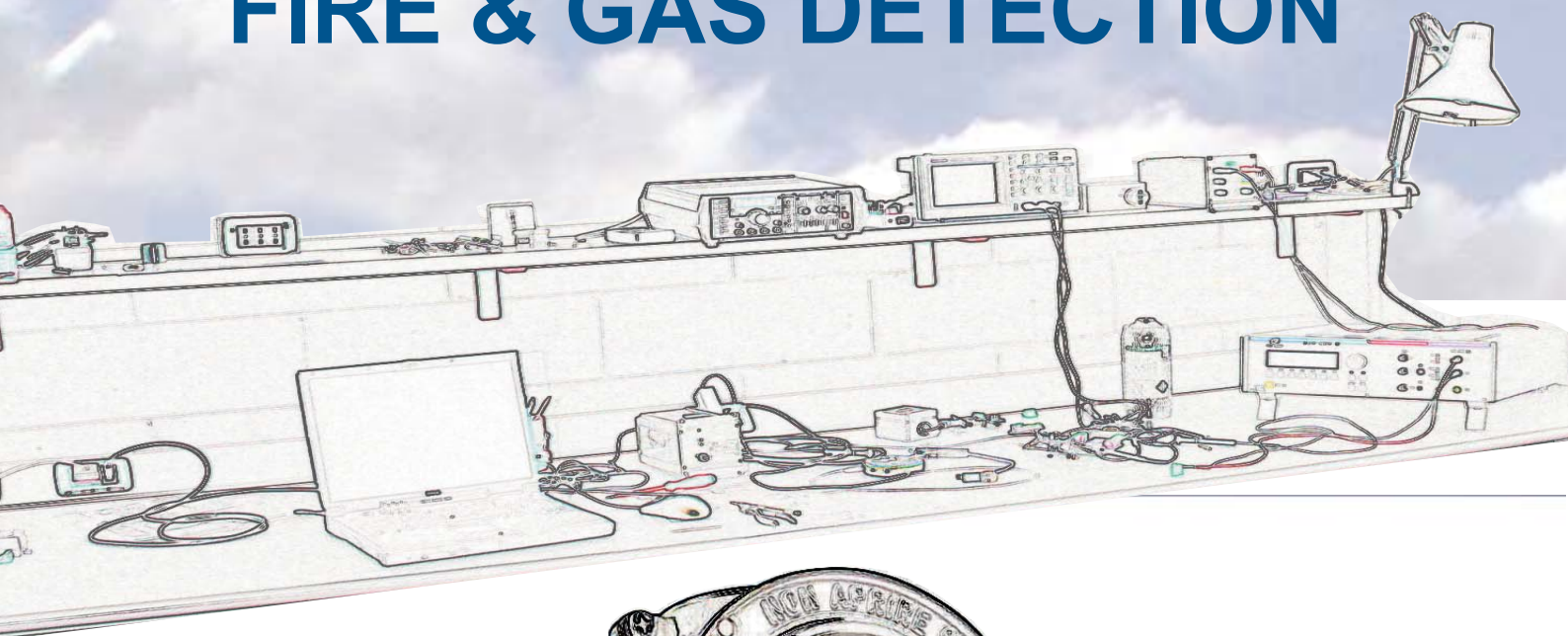




YOUR PARTNER IN FIRE & GAS DETECTION

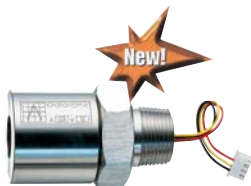


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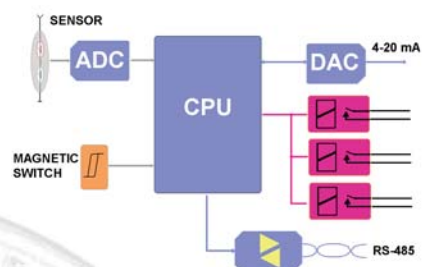
GAS TRANSMITTERS with enose® technology

Microprocessor based gas detector designed to measure gas concentrations with different range %L.E.L., ppm, %Vol., TLV, TWA.

enose® technology inside



enose® Technology consists in gas transmitters series based on high performance RISC processor self contained and integrated in a sturdy head.



RAS/AD



RAS/AD and RAS/DY are ATEX certified Gas Detectors for a variety of Explosive and Toxic gases

- Microprocessor based
- 4-20 mA output
- Three Voltage free contact relays
- RS-485 MODBUS RTU serial interface
- Bluetooth wireless communication (optional)



II 2G Ex d IIC T6

RAS/DY



- ATEX Explosion Proof housing with display
- LCD Display 8 characters x 2 lines
- Non Intrusive "One Person" calibration
- Fully programmable
- Small size, Low Power consumption
- Sturdy construction (available also in Stainless Steel housing)
- Built-in relays enable full stand-alone capability
- Optional Magnetic Keypad for thresholds setting



II 2G Ex d IIC T6

DUST/AD



DUST/AD and DY are IP65 Gas Detectors for Industrial applications for Explosive and Toxic gases.

- Microprocessor based
- 4-20 mA output
- Three Voltage free contact relays
- RS-485 MODBUS RTU serial interface
- IP65 Aluminium body (Stainless Steel housing also available)
- Bluetooth wireless communication (optional)



DUST/DY



- LCD Display 8 characters x 2 lines
- Non Intrusive "One Person" calibration
- Fully programmable
- Small size
- Low Power consumption
- IP65 Aluminium body with display and Keypad
- Built-in or separate sensor transmitter head
- Built-in relays enable full stand-alone capability



Available with Stainless Steel housing

PARK



Detector series for continuous monitoring of combustible (LPG or Gasoline Vapours) or CO and NOx gases in atmosphere.

Conceived for Car parking areas.

- 4-20 mA output
- IP65 Aluminium body
- RS-485 Modbus RTU serial interface
- Available also PARK-TWIN dual sensors for LPG/CO or NO or NO2

OGGIONI s.a.s. YOUR PARTNER IN FIRE & GAS DETECTION

INTELLIGENT HEAT DETECTION OVER TEMPERATURE AND SUPPRESSION RELEASE DEVICES



TMP2-J & TMP2-JO



TMP2-D

TMP2 series: Electronic fire and overheat detectors.

Certificate ATEX II 2G Ex d IIC T6

High reliability, dependable long-life.

Temperature set-point levels from -20°C to 120°C.

Immune from EMI disturbances and virtually eliminates false alarms.

Different output configurations.

Static set points and Rate of Rise feature.

Self-diagnosis procedure.

Wide range of temperature settings.

Two wires technology.



II 2G Ex d IIC T6

EN54-5 Certified
CE 0068-CPR-009/2014

Suitable for use in explosive atmospheres (TMP2-J)

Commercial and Industrial plants

Hazardous material stores (TMP2-J)

Extraction ducts

Compatible with all fire alarm control panels



Available Configuration & Diagnostic software with serial connection

CONTROL PANELS AND MODULAR SYSTEMS



REL/isp consists of plug-in module which fits a standard 3U (51/4") 19 inches eurocard rack. Each module REL/isp consists of two input channels designed to operate with 4-20 mA transmitters. Bar graph display or LCD Display, built in power supply, audio and visual alarms.



AR400 system is particularly suitable for small locations or for large sites where it is preferable to have a number of small self-contained monitoring systems connected by a field bus (RS-485) to a remote Host system.

AR400 system consists of one power unit, up to 4 REL/isp modules and 12 ISP alarms outputs with (SPDT) relay rated at 3A 110 Vac. Driver for serial line RS-485 MODBUS RTU.



AR600...AR2000 are standard case for max. 40 REL/isp modules (max. of 80 gas detectors with AR2000 stand alone 2m high cabinet). AR600/AR2000 cabinets are supplied fully wired, with power unit up to 40 REL/isp modules and 60 ISP alarms outputs with (SPDT) relay rated at 3A 110 Vac. AR series cabinets are equipped with Driver for serial line RS-485.



CM-10, CM-20, CM-80 Are control units for one (CM-10), two (CM-20), eight (CM-80) input channels designed to operate with 4-20mA transmitters, or 48 detectors (CM-80-ID) connected through Modbus RTU field bus.

- Totally programmable by operator (CM-20 & CM-80)
- Push-button programming function
- Two settable alarm setpoints
- Programmable relay outputs
- Front panel LEDs for Alarm indications
- Audible alarm indicator (buzzer)
- Serial RS485 Modbus RTU Protocol
- LCD Digital Display 8 characters x 2 lines or 20 characters x 2 lines



SYSTEMS AND SOFTWARE



EXcetera Dual processor controller
32-bit ARM9 Processor; 64 MB RAM, 256 MB Flash memory
1 GB Flash memory Card, Serial Ports: RS-485, Modbus protocol
LINUX operating system based
Two Optic fiber drivers 62.5/125um (3.5 dB/Km).
Ethernet Port, FTP, WiFi optional, Web Programmable
Built-in Power supply and Battery charger
4" or 7" TFT LCD Display
Easy accessible using any web browser



Operator Terminal LCD/85
High Performance Touch Screen Terminals
High resolution graphic display
LCD/85 Display 320 x 240, 16 colors TFT



EXcetera_Panel
Touch Screen Display Station
12" Active Matrix TFT display
PCI/ISA or PC104 expansion slot
3 RS-232/485 serial Ports
Ethernet port



RS 485 Modbus remote I/O modules
Built-in 27.5 Vdc 2.5A stabilized power supply
Controlled output for a 24V, 7.2 A/h back-up battery.
n.8 x 4-20mA inputs; n.2 digital optocoupled inputs; n.6 contact relays outputs
Different I/O configurations available

SOFTWARE



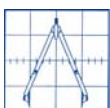
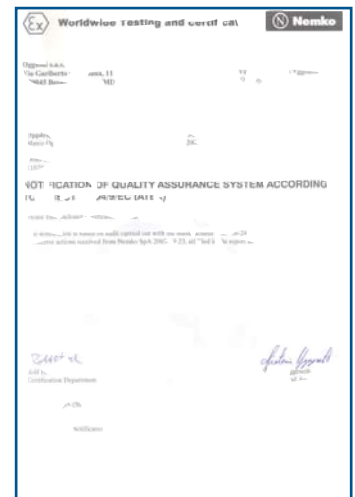
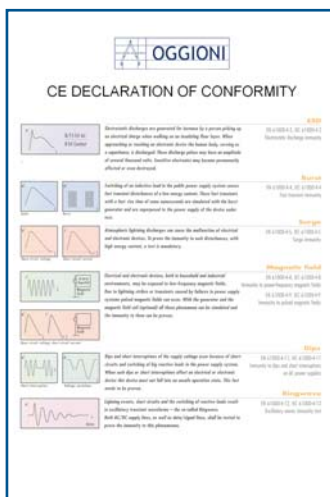
eNoseBlu2 Special S/W for enose Gas Transmitters maintenance and configuration.
Data Log capability, Trends, Calibration report, Stand-Alone calibration station.

EXcetera_CFG Start-up and configuration package for EXcetera Controller.



EXcetera_HMI Innovative general purpose Monitor S/W.
Objects oriented package for Windows 98SE/ME/XP
Easy-to-use, PC based applications generator.
Dynamic Data Exchange (DDE) with Windows Applications.
High Level Operator Interface, Graphical pages.
Alarms log, Real Time & Historical Trends.

Production Quality Assurance ATEX CERTIFIED



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OGGIONI s.a.s. YOUR PARTNER IN FIRE & GAS DETECTION

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