

SUNSTAR商斯达实业集团是集研发、生产、工程、销售、代理经销、技术咨询、信息服务等为一体的高科技企业，是专业高科技电子产品生产厂家，是具有 10 多年历史的专业电子元器件供应商，是中国最早和最大的仓储式连锁规模经营大型综合电子零部件代理分销商之一，是一家专业代理和分销世界各大品牌IC芯片和电子元器件的连锁经营综合性国际公司。在香港、北京、深圳、上海、西安、成都等全国主要电子市场设有直属分公司和产品展示展销窗口门市部专卖店及代理分销商，已在全国范围内建成强大统一的供货和代理分销网络。我们专业代理经销、开发生产电子元器件、集成电路、传感器、微波光电元器件、工控机/DOC/DOM电子盘、专用电路、单片机开发、MCU/DSP/ARM/FPGA软件硬件、二极管、三极管、模块等，是您可靠的一站式现货配套供应商、方案提供商、部件功能模块开发配套商。**专业以现代信息产业（计算机、通讯及传感器）三大支柱之一的传感器为主营业务，专业经营各类传感器的代理、销售生产、网络信息、科技图书资料及配套产品设计、工程开发。我们的专业网站——中国传感器科技信息网（全球传感器数据库）www.SENSOR-IC.COM 服务于全球高科技生产商及贸易商，为企业科技产品开发提供技术交流平台。欢迎各厂商互通有无、交换信息、交换链接、发布寻求代理信息。欢迎国外高科技传感器、变送器、执行器、自动控制产品厂商介绍产品到中国，共同开拓市场。**本网站是关于各种传感器-变送器-仪器仪表及工业自动化大型专业网站，深入到工业控制、系统工程计 测量、自动化、安防报警、消费电子等众多领域，把最新的传感器-变送器-仪器仪表买卖信息，最新技术供求，最新采购商，行业动态，发展方向，最新的技术应用和市场资讯及时的传递给广大科技开发、科学研究、产品设计人员。本网站已成功为石油、化工、电力、医药、生物、航空、航天、国防、能源、冶金、电子、工业、农业、交通、汽车、矿山、煤炭、纺织、信息、通信、IT、安防、环保、印刷、科研、气象、仪器仪表等领域从事科学研究、产品设计、开发、生产制造的科技人员、管理人员、和采购人员提供满意服务。**我公司专业开发生产、代理、经销、销售各种传感器、变送器、敏感元器件、开关、执行器、仪器仪表、自动化控制系统：专门从事设计、生产、销售各种传感器、变送器、各种测控仪表、热工仪表、现场控制器、计算机控制系统、数据采集系统、各类环境监控系统、专用控制系统应用软件以及嵌入式系统开发及应用等工作。**如热敏电阻、压敏电阻、温度传感器、湿度变送器、湿度传感器、湿度变送器、气体传感器、压力传感器、压力变送器、称重传感器、物（液）位传感器、物（液）位变送器、流量传感器、流量变送器、电流（压）传感器、溶氧传感器、霍尔传感器、图像传感器、超声波传感器、位移传感器、速度传感器、加速度传感器、扭矩传感器、红外传感器、紫外传感器、火焰传感器、激光传感器、振动传感器、轴角传感器、光电传感器、接近传感器、干簧管传感器、继电器传感器、微型电泵、磁敏（阻）传感器、压力开关、接近开关、光电开关、色标传感器、光纤传感器、齿轮测速传感器、时间继电器、计数器、计米器、温控仪、固态继电器、调压模块、电磁铁、电压表、电流表等特殊传感器。同时承接传感器应用电路、产品设计和自动化工程项目。

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地址：深圳市福田区福华路福庆街鸿图大厦 1602 室

电话：0755-83607652 83376489 83376549 83370250 83370251 82500323

传真：0755-83376182 (0) 13902971329 MSN: SUNS888@hotmail.com

邮编：518033 E-mail: szss20@163.com QQ: 195847376

深圳赛格展销部：深圳华强北路赛格电子市场 2583 号 电话：0755-83665529

技术支持：0755-83394033 13501568376

GALILEO PLG8

Gas control panel



DESCRIPTION

GALILEO PLG8 is a microprocessor based control unit, 8 detection zones upgradeable to 16, for toxic and /or explosive gas detection, housed in a metallic cabinet complete with 12Vdc 2A power supply or 19" rack with separate power supply which has to be ordered separately.

At the core of the control panel there is an 8 bit microprocessor.

The PLG8 is a built-in 8 analog 4-20 mA zones control unit that can be extended to 16 by using an on-board 8 zones expander module, which can be easily connected directly in the control unit.

With respect to the controllable outputs, the control panel is equipped with 4 relay outputs, which are freely programmable via the appropriate menu.

A RS232 port allowing the connection to remote programming and control systems and a Centronic's parallel printer port are also available.

The PLG8 control unit can be configured for a different kind of gas detectors employed to detect, in an atmosphere mainly composed of air, either the presence of flammable compounds, the concentration in terms of percentage of the Lower Explosion Level (%LEL), and

toxic compounds, in a concentration expressed in ppm (parts per million) or, in particular for oxygen, its deficiency detection.

The GALILEO PLG8 is also provided with events log: the number of events that the control unit can store is up to 800.

The system programming can be performed by the present back lit LCD display and the keypad on front of the control unit or by Personal Computer with the appropriate software. The LCD display provides the user with a visual display of all operator instructions and reports. The RS232 port allows connection to remote programming and control systems (Personal Computer) that during the normal operation, provides the facility of copying, storing and viewing the programming data and event log from an on-line PLG8 control unit.

The information transmitted to the computer is in SIA format that provides highly detailed information on each alarm or events, but the PLG8 control units can be customized with other kind of formats.

The PLG8 box version control unit, allows the connection of a 12 VDC additional battery to ensure its normally working when the main power supply fails.

GALILEO PLG 8-16

Housing:	19" - 3U Rack Box Dim.:440x420x140 mm	Display	Box version: 220 V ac Back lit LCD 16c. on 2 rows
Microprocessor	8 bit, 8 Mhz	LED indications:	Main power supply
Eprom	1 x 128 Kbyte		All. 1, All. 2, All. 3 and fault
Non volatile memory	1 x 128 Kbyte	Events log capability:	up to 800 events buffered
Inputs:	8 x 4-20 mA analog inputs + 8 with optional module	Stand by battery capability:	12V/15Ah only box version (sealed lead acid battery)
Outputs:	4 programmable relay outputs		
Serial port (PC):	1 x RS232	Operating temperature	0- 40 °C
Aux serial port:	1 x RS485 (with PLG8/SER module)	Relative humidity	15-85% non condensing
Parallel port:	CENTRONIC		
Power supply:	Rack Vers.: 12 V cc		

COMPATIBLE WITH THE FOLLOWING SENSITRON DETECTORS

"ANALOG" LIFESAVER SERIE	ANALOG Detectors, CATALYTIC sensor, with 4 - 20 mA proportional output. Power supply 11-28 VCC.
"SMART and SMART 2" CATALYTIC SENSITRON SERIE	Microprocessor Detectors, catalytic sensor, with three thresholds open-collectors alarm output, and 4 - 20 mA proportional output. Power supply 11-27.6 VDC.
"SMART and SMART 2" ELECTROCHEMICAL. CELL" SENSITRON SERIE	Microprocessor Detectors, ELECTROCHEMICAL CELL sensor, with three thresholds open-collectors alarm output, and 4 - 20 mA proportional output. Power supply 11-27.6 VDC.

PART NUMBERS

ST.G/PLG8B	GALILEO PLG control unit.: 8 zones triple threshold microprocessor control panel. Accepts 4-20 mA analog signals. LCD 2x16 characters. metal cabinet. 12 V, 2 A enclosed Power Supply. Expandable to 16 zones using 1 ST.G/IN8 and 1 ST.PLG/SER.
ST.G/PLG8R	As above but in 19" 6U rack. 12 Vdc Power supply is required.
ST.G/PLGSER	Expander serial module for ST.G/PLG8B(R).
ST.G/IN8	8 remote inputs card for the GALILEO MULTISCAN and PLG8 control panel.
ST.SW/M-GA	"SECURNET" Maps Graphics software for GALILEO PLG8 and MTS installations. Windows 3.1 or '95 is requested. Supplied with dongle. Fully programmable by customer, can accept graphics files built with other software. Trend and Bargraph performances of the Control Units detectors input.

Due to **Sensitron's** commitment to research, design and product improvement specifications are subject to change without notice.



For more information please contact:

SENSITRON: S.r.l.
POGLIANO MILANESE, MILANO, ITALY.
Tel. + 39 02 93 54 81 55 Fax. + 39 02 93 54 80 89