



GLI manufacturing summarises years of experience and know-how of electronic devices suitable for electromechanical environments because of its great resistance against any heavy duty conditions.

Utilisation of components already mounted on a large variety of over tested devices allows to obtain a product of sure safety and low cost.

Material choice guarantees very wide temperature range, water proof box assures humidity, insensibility and compatibility with the most restrictive IP degree protections.

The electronic circuit is engineered with an oversized method in order to prevent failure and obtain very long life utilisation even in the worst case of work conditions.

Superior shock resistance is obtained by poliurethan resin filling.

GLI/M Mini Gas Level Indicator

Highlights:

- ◆ Wide temperature range
- ◆ Suitable for electromechanical environments
- ◆ Resin filling for shock resistance
- ◆ Water proof
- ◆ Low cost
- ◆ Oversized choice of components for long life utilisation
- ◆ Mini dimensions to fit every tank

Technical features

Nominal voltage :.....24,48,60,110,220 VDC & 230 Vac
Temperature range :..... -30°C ÷ 85°C
Output:1 change-over contact for alarm
Local indication:.....leds for ok, alarm
Surge strength :..... 4kV
Dielectric strength :.....5kV/1.2X50us
IP degree protection :.....IP67(*)
Particular features:..suitable for heavy duty environments
.....shock resistant

Relè features

Contacts Material :.....Ag. Ni
Nominal Value :.....8A 250VAC (cosφ=1.0)
Electric live :..... AC1 150x10³ cycles
Mechanical live :.....10 x 10⁶ cycles
Dielectric strength (open contacts) :.....1kVAC 1min
(coil-contacts) :.....5kVAC 1min

(*) output connector IP30

Material

Box :.....ABS filled with polyurethan resin (2-component)
Input & output.....Molex 20 poles connector

Device is just studied for control and indication of SF6 gas level inside the tank and gives out real time local light indication and change-over contacts for protection.

Local indications are:

- ◆ Green led for OK level
- ◆ Red led for ALARM level

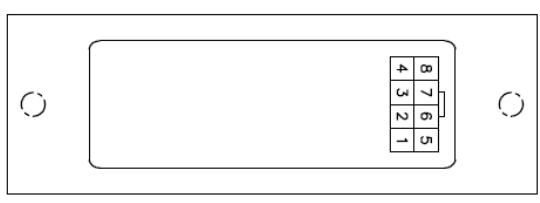
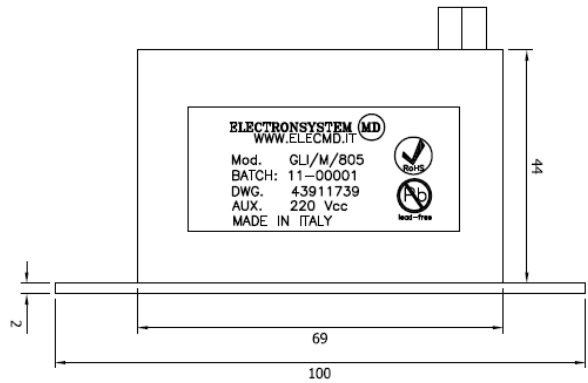
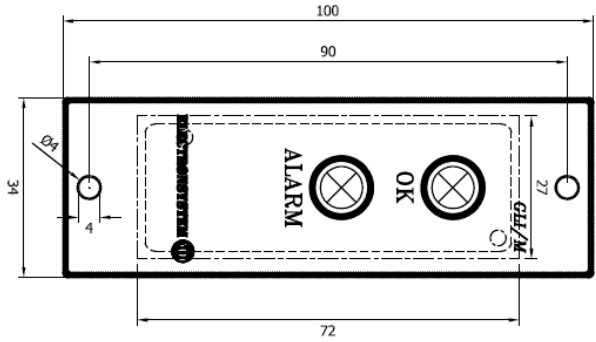
GLI/M replicates the input contact for remote indication and meanwhile gives local led indication of gas level.

Connection is made by fast coupling and fail proof connector.

GAS CONTROLLER

GLI/M. B 20/09/2011

Rev./Mod A	Data 22.09.2003	Rev./Mod B	Data 21/09/04	Rev./Mod C	Data 07.03.2008	Rev./Mod D	Data 20.09.2011	Rev./Mod	Data	Rev./Mod	Data
Descrizione: MODIFICATA NUMERAZIONE MORSETTIERA		Descrizione: AGGIUNTA TENSIONE 125 VDC		Descrizione: AGGIUNTO GRUPPO 806		Descrizione: INSERT TABLE OF STATE CONTACTS		Descrizione:		Descrizione:	



DESCRIPTION & STATUS OF CONTACTS:

- 4 : Power (+)
- 8 : Power (-)

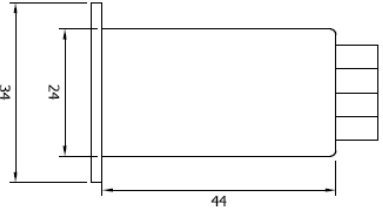
DESCRIPTION	INPUT FROM DENSITY SWITCH	OUTPUT RELAY	LED STATUS
AUX	ON	ON	LED OK: ON LED ALARM: OFF
	OFF	OFF	LED OK: OFF LED ALARM: OFF

PURCHASE CODE:
Description : Gas Level Indicator
Code : GLI / M /

- 801: auxiliary power voltage 110-125Vdc
- 802: auxiliary power voltage 24 Vdc
- 803: auxiliary power voltage 48 Vdc
- 804: auxiliary power voltage 60 Vdc
- 805: auxiliary power voltage 220 Vdc
- 806: auxiliary power voltage 230 Vac

NOTE :

- Drilling template is indicated by dashed line.
- Output connector type: MOLEX MINI FIT 4X2 poles



Piano di Compilamento (UNI 4842-75)
LIVELLO LQA
L2 1

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Fig.		Material/Materiale		N° Series / Serie		Finishing / Finitura	
Filing Room	Thread quality tolerance	General tolerance for machining / Tolleranze generali per lavorazioni meccaniche:	Coord.Punching N.C. mach.	Quality for linear dimension	Extra-fine / Fine	Medion / Media	Coarse / Grossolana
Archivio	"Eg-55" UNI 5541-65	Coord. punzon. a C.N.	JS11	Qualità per quote lineari	JS12	JS13	JS15
Prep. G. FORLANI	Resp. Dep. Uff. Tecnico	Title MINI GAS LEVEL INDICATOR		GLI/M		- DIMENSION -	
App. P. GUIZZETTI	Uff. Tecnico	Apparatus Approve		43911739		Scale 1:1	
Rev./Mod.	018.09.2002	Emissione nuovo disegno		Doc. No.		N° No. 1/1	
ELECTRONSYSTEM MD S.r.l.				43911739			