



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/X 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: MTBF > 40 years
- ◆ Mini dimensions to fit every tank

Technical features

Nominal voltage :.....24, 48,110 VCC; 60, 220 VCA
 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
 MTBF according to IEC 1709 and MIL-S-19500.>40 years

(*) 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
- ◆ Yellow led for ALARM level
- ◆ Red led for LOCK level

Each level is moreover linked with a relay contact. Connection is made by fast coupling and fail proof connector.