

# GST-AS-300

## Zener Safety Barrier



Ex

### Description

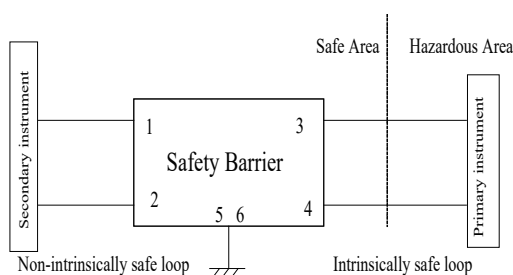
GST-AS-300 Zener Safety Barrier is associated with intrinsically safe products. It provides protection by limiting the energy into explosive environment. The barrier is suitable for protecting the automatic control process in modern industries such as petroleum industry, chemical industry, pharmaceutical industry, and ship yards.

The protection of the barrier is actually limiting of energy. In an explosion-proof system, the barriers ensures the energy output always be controlled under a safe value (that will not ignite the explosive gas mixture classified and grouped according to relative standards) in case of any kind of fault condition.

### Technical Specification

Operating voltage	24V
Max. voltage allowed	U <sub>m</sub> =250VAC/DC
Max. output voltage	U <sub>0</sub> =28V
Max. output current	I <sub>0</sub> =93mA
Max. external capacitance	C <sub>0</sub> =0.083uF
Max. external inductance	L <sub>0</sub> =4mH
Explosion-proof Mark	[ExibGb] IIC
Ambient Temperature	-20°C ~ +40°C
Relative Humidity	≤95% , non condensing
Dimensions	96.9mm×20.9mm×58.4mm

### Typical Connection



The terminals are non-polarized.

### Order Information

Part No.	GST-AS-300
Device Name	Zener Safety Barrier
Product No.	20102595