

Gas-Alarm Systems & Contact Gauges

Problem: *Running out of gas without prior warning*

Solution: Install a NGP gas alarm system or contact gauge

NGP offers a range of single and double gauge alarm systems that provide both an optical and audible signal when cylinder pressures drop to a predetermined, minimum value.

The alarm systems are based around a pressure gauge incorporating an in-built switch that makes contact and sets off an alarm when the minimum pressure value is reached.

Each kit contains one or two contact gauges, a single or double alarm box and a power adaptor. The contact gauges are bottom entry with a 1/4" NPT connection thread that makes them easily to retro-fit to existing manifold systems and regulators.

Ideal for:

- Direct replacement of contents gauge in manual manifold systems
- Direct replacement of contents gauge on a regulator
- Simple alarm contact point in Auto (manual re-set) Manifolds (see picture right)
- Signalling other devices (e.g. telephone auto-dialler)
- In-expensive retrofit alarm option
- Easy to install and commission
- Suits most gas types (fuel gases may require an intrinsically safe barrier)
- Fail safe model available for critical application monitoring



Twin Gas Alarm shown in-situ on a GASCON Systems auto change-over manifold

Gauge

- ✓ Excellent price/performance ratio
- ✓ High switching reliability and long service life
- ✓ Magnetic snap-action effect
- ✓ Gold plated, self-cleaning contact
- ✓ Operates with extra-low voltage (1.5 – 24V DC/AC max 100mA)
- ✓ Contact load 3W maximum
- ✓ DIN EN 562 compliant



Alarm Unit

- ✓ Optical and acoustic signalling
- ✓ Suitable for flexible use
- ✓ Buzzer can be disabled via switch (loudness = 80 db)
- ✓ 9V DC for mains adaptor or battery option
- ✓ Extra output for external device connection (optional)
- ✓ Simple RCA connections



Gas-Alarm Systems & Contact Gauges (cont)

Ordering Information

Part Number	Description	Gauge trip and Gauge Scale(kPa)	
NGP4007	GasGuard Single alarm kit	320	600
NGP4012	GasGuard Single alarm kit	1200	16,000
NGP4005	GasGuard Single alarm kit	1500	30,000
NGP4006	GasGuard Single alarm kit	3000	30,000
NGP4010	GasGuard Double alarm kit	320	600
NGP4013	GasGuard Double alarm kit	1200	16,000
NGP4008	GasGuard Double alarm kit	1500	30,000
NGP4009	GasGuard Double alarm kit	3000	30,000

Contact Gauges & Spares

Part Number	Description
NGP4002	GasGuard , Contact gauge, 320 kPa trip (with plug)
NGP4011	GasGuard , Contact gauge, 1200 kPa trip (with plug)
NGP4000	GasGuard , Contact gauge, 1500 kPa trip (with plug)
NGP4001	GasGuard , Contact gauge, 3000 kPa trip (with plug)
NGP4003	GasGuard , Alarm box, single contact gauge connection
NGP4004	GasGuard , Alarm box, double contact gauge connection
NGP4503	GasGuard , Power adaptor, 9V (with plug)

Extended lengths of cable are available. Contact NGP for a price.



Single alarm kit (1500 kPa trip pictured) Part Number NGP4005



Double alarm kit (1500 kPa trip pictured) Part Number NGP4008

