



QLA100

LIQUID NITROGEN LOW LEVEL ALARM



- Automatic monitoring of liquid nitrogen levels
- For use with all low pressure vessels, refrigerators, cryostats, dewars and cold traps
- Continuous monitoring
- Adjustable sensor position
- Built in visual and audible warnings if level becomes 'Low'
- Easy to fit and install
- Reliable and maintenance free
- Compact and lightweight
- Independent warning of sensor damage
- Stand alone or multiple vessel monitoring system

- Connection for remote alarm and to in house monitoring systems
- Remote alarm panel available incorporating inputs from up to 20 low level alarms and including klaxon and Xenon beacon, ideal for noisy environments
- Telephone Auto Dialler available, for automated transmission of alarms to pre determined numbers
- Optional sensor mounting kit
- Sensor occupies negligible space in vessel
- Essential for all valuable refrigerated samples and all processes where liquid nitrogen must not run out
- Consists of a level sensor, monitor/alarm unit and a low output voltage power supply unit.
- Unit can be fitted to the body, lid, neck or carrying handle of a liquid nitrogen container or can be mounted on a nearby wall or surface.

Supplied fitted with 'Velcro' pads but can be secured to any solid surface with screws.

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- The compact power supply unit is fully enclosed in a robust, moulded case. It provides a low voltage output (15V. d.c.) through an interconnecting cable to the monitor/alarm unit.
- Both audible alarm and flashing LED to denote low levels of liquid nitrogen
- LED to signify normal operation and audible alarm to indicate damage to the sensor

TECHNICAL SPECIFICATION

Dimensions:	80 x 100 x 40 mm (w,h,d)
Level Sensor:	Length 6 mm, Diameter less than 4 mm
Sensor lead:	Length 1.5 metres, Diameter 2.5mm (other lengths available)
Power requirements:	Mains Powered 240/220V., 50/60 Hz. (110 V. available)
Power supply:	60 x 55 x 90 mm (w,h,d) 15V d.c.
Interconnecting cable	Length 2 metres 15V. d.c.

ORDERING INFORMATION

Part Number	Details
QLA100	Low Level Alarm
QIA100L	Low Level Alarm Control Unit – for use with multiple vessel systems when using QRA100 Central Remote Alarm Panel
QLA101	Sensor Locating Kit for positioning sensor in vessel
QAD200	Telephone Auto-dialler to automatically dial up user pre-determined numbers
QRA100	Central Remote Alarm Panel incorporating inputs for up to 20 Low Level Alarms Includes klaxon and beacon – ideal for noisy environments and relay outputs for remote connection to ancillary equipment
QLA100C	Connector
QLC100	1.5m sensor lead

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