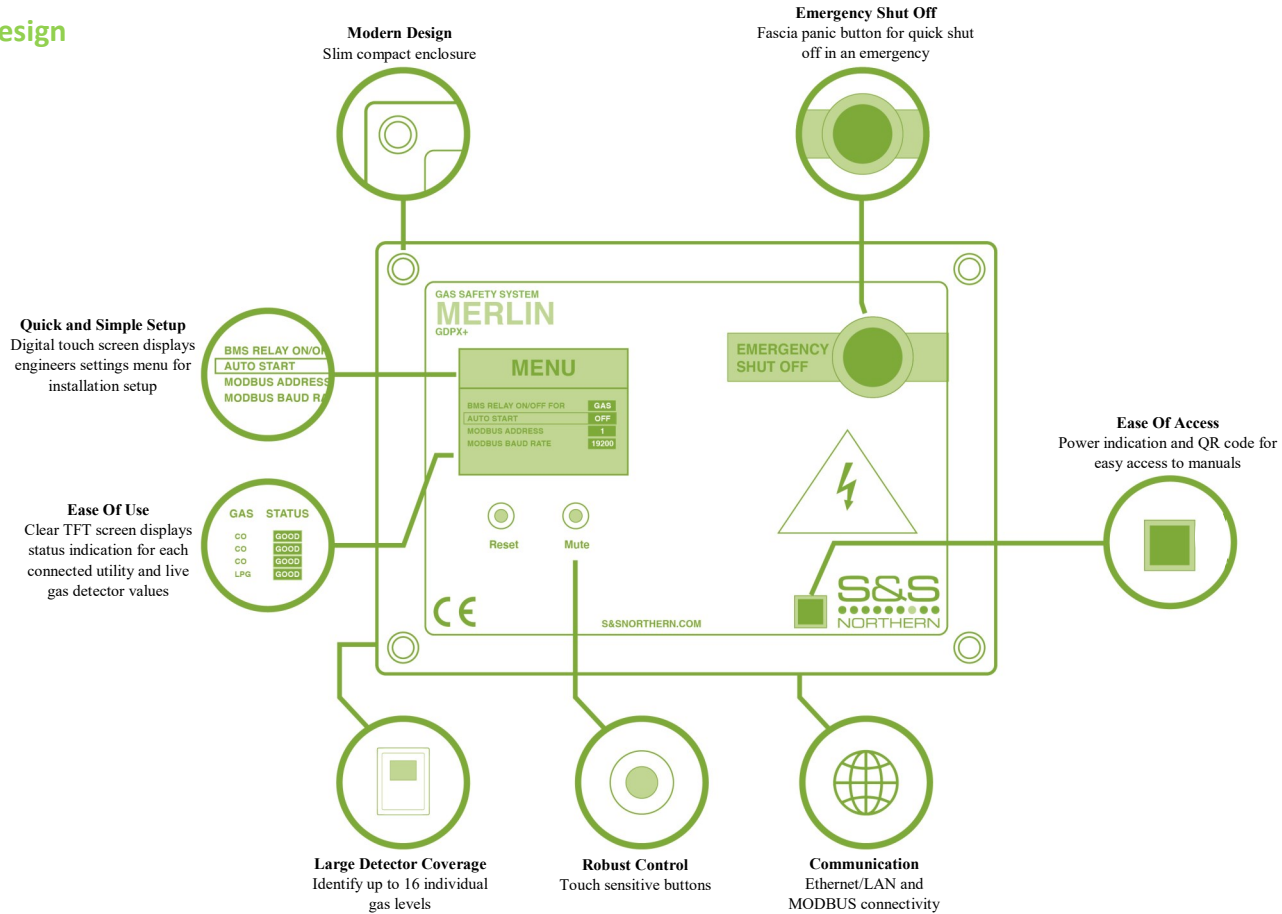# Boiler Room Safety Solution
Automatic Gas Shutdown Incorporating Gas Detection

S&S NORTHERN

Add more than just ON/OFF control in your Boiler Room design

Modern Design
Slim compact enclosure

Emergency Shut Off
Fascia panic button for quick shut off in an emergency

Quick and Simple Setup
Digital touch screen displays engineers settings menu for installation setup

Ease Of Access
Power indication and QR code for easy access to manuals

Ease Of Use
Clear TFT screen displays status indication for each connected utility and live gas detector values

GAS SAFETY SYSTEM
MERLIN
GDPX+

MENU

BMS RELAY ON/OFF FOR	GAS
AUTO START	OFF
MODBUS ADDRESS	1
MODBUS BAUD RATE	19200

BMS RELAY ON/O
AUTO START
MODBUS ADDRESS
MODBUS BAUD RA

GAS	STATUS
CO	GOOD
CO	GOOD
CO	GOOD
LPG	GOOD

Reset   Mute

EMERGENCY SHUT OFF

CE   S&SNORTHERN.COM   S&S NORTHERN

Large Detector Coverage
Identify up to 16 individual gas levels

Robust Control
Touch sensitive buttons

Communication
Ethernet/LAN and MODBUS connectivity

Incredibly Easy to Use & Install

✓ Digital touch screen for user & engineer use

✓ Industrial Grade Polycarbonate material to withstand daily use

✓ Ethernet/LAN & MODBUS connectivity to signal live gas levels & system status

Identify Up To 16 Individual Gas Levels & Zones

Detector Alarm ID: 9				MUTE
		ZONE 3		
ID	Serial Number	Gas	Status	Value
9	123456789103	CO	SERVICE	82 ppm
10	123456789103	H	GOOD	0.4 LEL%
11	123456789103	CO	Pre-Alarm	47 ppm
12				---X---

Main Z 1 Z 2 Z 3 Z 4 D   S&S NORTHERN www.snsnorthern.com

The Merlin GDPX+ has the ability to identify up to 16 individual gas levels and in which monitoring zone the detector is located.

If there is a gas leak, the GDPX+ provides a visual indication of the live gas levels, which gas type is in alarm and the zone where the detector is located, before an engineer proceeds to investigate the fault.

The S&S Northern solutions are already protecting thousands of properties across the U.K.

Intuitive and accessible design makes the S&S range easy to specify, install and very user friendly.

Modern components compliment years of industry experience to provide a tidy solution to classroom safety.

Multiple inputs available to adapt the operation of the controllers, including fire alarm shut down and BMS communications.

Gas Safety Systems   ## Utility Control

Add Gas Safety To Your Design
Protect Life & Building from the dangers of Gas Leaks & Carbon Monoxide Poisoning

S&S NORTHERN™

Merlin GDP2X

ADVANCED GAS DETECTION SYSTEM
IDENTIFY UP TO 8 INDIVIDUAL GAS DETECTORS

Merlin GDPX+

ADVANCED GAS DETECTION & PRESSURE PROVING SYSTEM
IDENTIFY UP TO 16 INDIVIDUAL GAS DETECTORS

ADAPTABLE INPUTS AND OUTPUTS TO SUIT ANY BOILER / MECHANICAL ROOM
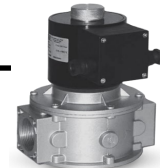
INPUTS

FIRE ALARM

GAS DETECTOR(S)

REMOTE PANIC BUTTON(S)

CONTROL PANEL

OUTPUTS

GAS SOLENOID VALVES

ELECTRIC RECEPTACLES OR RELAYS

BMS SYSTEM

ADD GAS DETECTION TO YOUR DESIGN

Gas Safety Systems

Utility Control