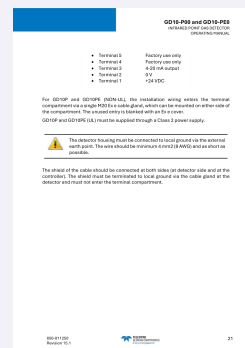


FIELD INSTALLATION QUICK GUIDE

Installation Instructions

GD10-P00-17DG-0XH-00

fixed gas detector



PRODUCT	GD10-P00-17DG-0XH-00
FAMILY	fixed gas detector
FUNCTION	fixed gas detector
STATUS	Verify exact installed equipment

Prepared by Amikon Limited from SIMTRONICS documentation. This guide supplements the complete manufacturer manual and site procedure.

01

CONFIRM THE ORDERED CONFIGURATION

Device Function	Fixed gas detector
Detection Target	Combustible gas
Output Interface	Process alarm output
Sensor Housing	Fixed installation
Diagnostics	Detector status
Mounting Context	Hazardous process area

02

PREPARATION AND CONNECTION

- Confirm the complete GD10-P00-17DG-0XH-00 article number and installed revision.
- Isolate applicable electrical and process energy using the approved site procedure.
- Record every connector, cable, terminal, shield and protective-earth connection before removal.
- Install without forcing keyed parts, then secure terminals, latches, fasteners and cable supports.

OFFICIAL INSTALLATION REFERENCE



GD10-P00 and GD10-PE0 INFRARED POINT GAS DETECTOR OPERATING MANUAL

- | | |
|--------------|------------------|
| • Terminal 5 | Factory use only |
| • Terminal 4 | Factory use only |
| • Terminal 3 | 4-20 mA output |
| • Terminal 2 | 0 V |
| • Terminal 1 | +24 VDC |

For GD10P and GD10PE (NON-UL), the installation wiring enters the terminal compartment via a single M20 Ex e cable gland, which can be mounted on either side of the compartment. The unused entry is blanked with an Ex e cover.

GD10P and GD10PE (UL) must be supplied through a Class 2 power supply.



The detector housing must be connected to local ground via the external earth point. The wire should be minimum 4 mm² (8 AWG) and as short as possible.

The shield of the cable should be connected at both sides (at detector side and at the controller). The shield must be terminated to local ground via the cable gland at the detector and must not enter the terminal compartment.

04 COMMISSIONING CHECKS

- 01 Confirm product identity and mechanical seating.
- 02 Verify the documented supply before energising.
- 03 Inspect polarity, shielding and protective-earth connections.
- 04 Restore power in the approved sequence and observe status indications.
- 05 Test each connected input, output or communication path.
- 06 Record diagnostics and functional-test results before return to service.

05 CONTROLLED DOCUMENT

Official source	Teledyne Oldham Simtronics GD10-P00 operating manual 850-811250
Product record	GD10-P00-17DG-0XH-00
Manufacturer	SIMTRONICS
Warranty	12 months from AMIKON
Support	INFO@AMIKON.CN

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM