GP-BUS Quick Guide

Modbus to next node

1 Modbus power supply Gnd. V-
2 Modbus power supply 18-36Vdc V+
3 Modbus Data + D0
4 Modbus Data - D1
5 Cable Shield

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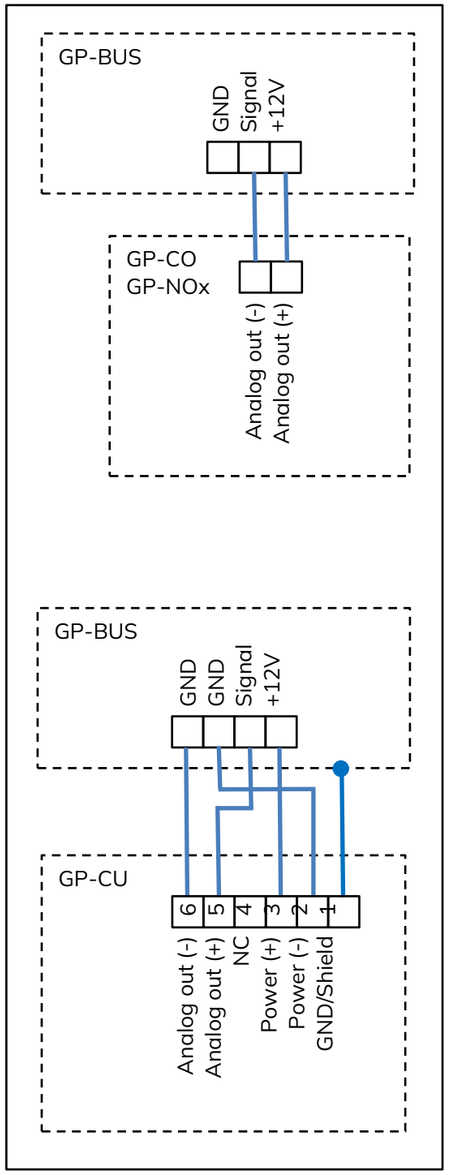


Fuse 0,5A

Status LED's

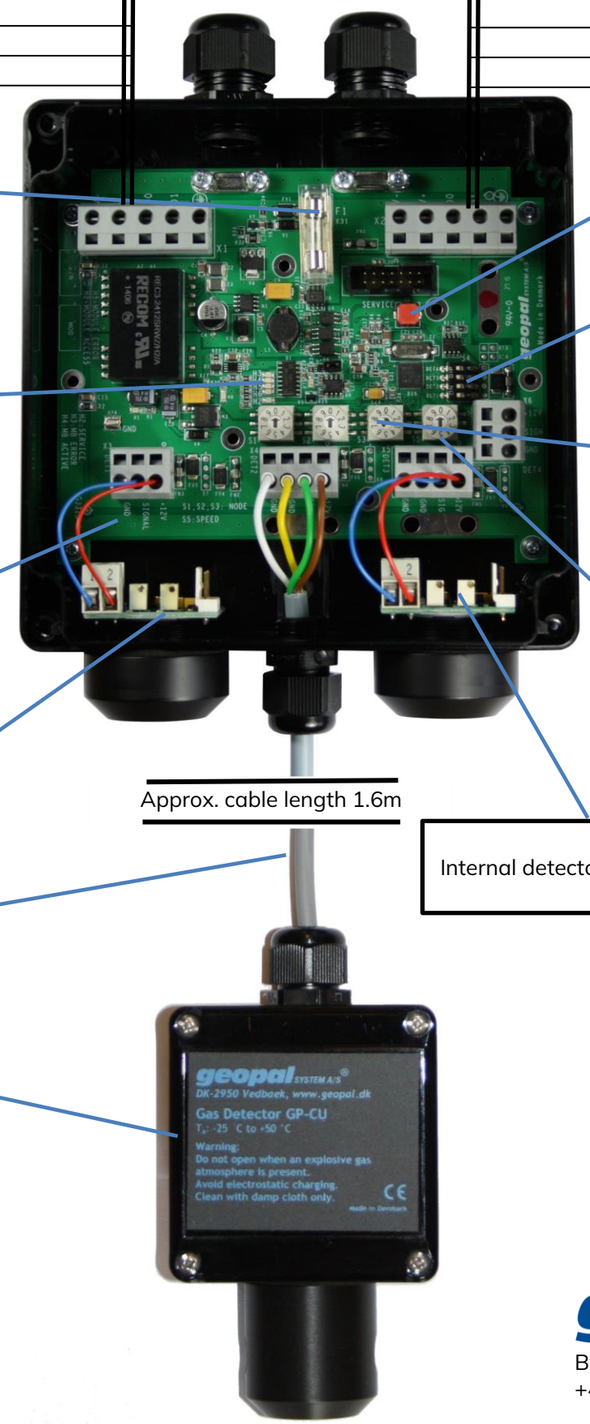
H3 Red	Modbus Error
H4 Green	Modbus Active
H5 Red	Module Error
H6 Green	Module Access
H2 Blue	Service Mode

PCB Number GJ313

Internal detector GP-CO

Recommended cable
4 X0.5² ->1.5² with shield

External detector GP-CU



Approx. cable length 1.6m

Service mode Switch.
Service mode is enabled for 5 min. when pressed.

Input Enable/Disable switch

The Node address is configured via 3 switches (S1, S2 and S3).

Address = (S1*100) + (S2*10) + (S3*1)

Valid address range is 1 to 247.

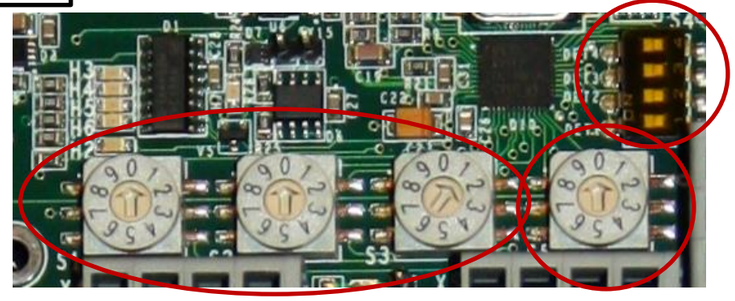
Internal detector GP-NOx

Modbus Baud rate configuration switch (S5)

0. 9600 - Default
1. 1200
2. 4800
3. 9600
4. 19200
5. 38400
6. 56000
7. 115200

ON - OFF

Input enable



Node Address

Baud rate

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PENDING ITS-I 23ATEXQ36745 DBI reg. no 233.301 DIC444QMS

EM08020E