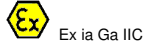


Barrier supplied is a Turck Banner IM1 Range.

IM1-12Ex-R is a single channel unit
IM1-22Ex-R is a dual channel unit.



IM1-12Ex-R Single OLE Bund Probe B8 or Water B2 or B6
IM1-22Ex-R Dual OLE Probes as above.

These are for Reed Switch devices (SIMPLE APARATUS)

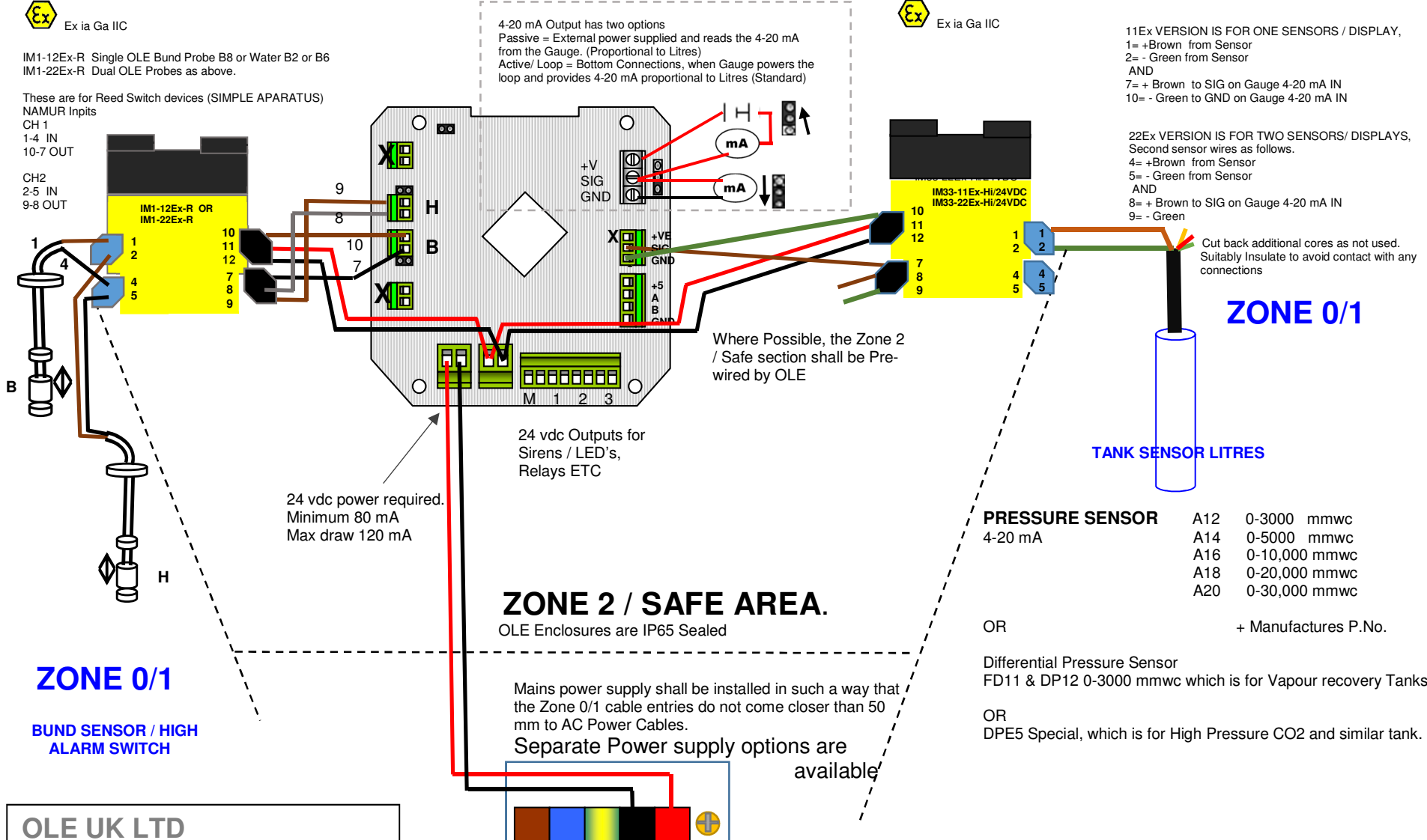
NAMUR Inputs

CH 1

1-4 IN
10-7 OUT

CH2

2-5 IN
9-8 OUT



4-20 mA Output has two options
Passive = External power supplied and reads the 4-20 mA from the Gauge. (Proportional to Litres)
Active/ Loop = Bottom Connections, when Gauge powers the loop and provides 4-20 mA proportional to Litres (Standard)



IM33-11Ex-Hi/24VDC is a single channel unit
IM33-22Ex-Hi/24VDC is a dual channel unit.

11Ex VERSION IS FOR ONE SENSORS / DISPLAY,
1= +Brown from Sensor
2= - Green from Sensor
AND
7= + Brown to SIG on Gauge 4-20 mA IN
10= - Green to GND on Gauge 4-20 mA IN

22Ex VERSION IS FOR TWO SENSORS/ DISPLAYS,
Second sensor wires as follows.
4= +Brown from Sensor
5= - Green from Sensor
AND
8= + Brown to SIG on Gauge 4-20 mA IN
9= - Green

Cut back additional cores as not used.
Suitably Insulate to avoid contact with any connections

ZONE 0/1

TANK SENSOR LITRES

24 vdc power required.
Minimum 80 mA
Max draw 120 mA

24 vdc Outputs for
Sirens / LED's,
Relays ETC

Where Possible, the Zone 2 / Safe section shall be Pre-wired by OLE

ZONE 2 / SAFE AREA.

OLE Enclosures are IP65 Sealed

Mains power supply shall be installed in such a way that the Zone 0/1 cable entries do not come closer than 50 mm to AC Power Cables.

Separate Power supply options are available



Live N E
90/240 vac 50/60 Hz

PRESSURE SENSOR	Output	Range
A12	0-3000 mmwc	
A14	0-5000 mmwc	
A16	0-10,000 mmwc	
A18	0-20,000 mmwc	
A20	0-30,000 mmwc	

OR + Manufactures P.No.

Differential Pressure Sensor
FD11 & DP12 0-3000 mmwc which is for Vapour recovery Tanks

OR
DPE5 Special, which is for High Pressure CO2 and similar tank.

OLE UK LTD

Barns A & B Bowley Farm Estate
South Mundham, Chichester

West Sussex, PO20 1NB

Tel 01243 267 930

sales@oleuk.com www.oleuk.com

Rev 00 Initial Release Sept 2018

Description : ATEX Zone 0/1 Tank Sensors and Zone 2 Gauge fitting.
Wiring diagram with H & B connected
OLE Z5020-1A-ATEX range only.
II 3G Ex e IIC T6 IP65 Zone 2/22

Drg No Wiring-ATEX- Axx +HB
By BC

Dated 21 Jan 2019 REV 3.0