

Barrier supplied is a Turck Banner IM1 Range.

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



Ex ia Ga IIC

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

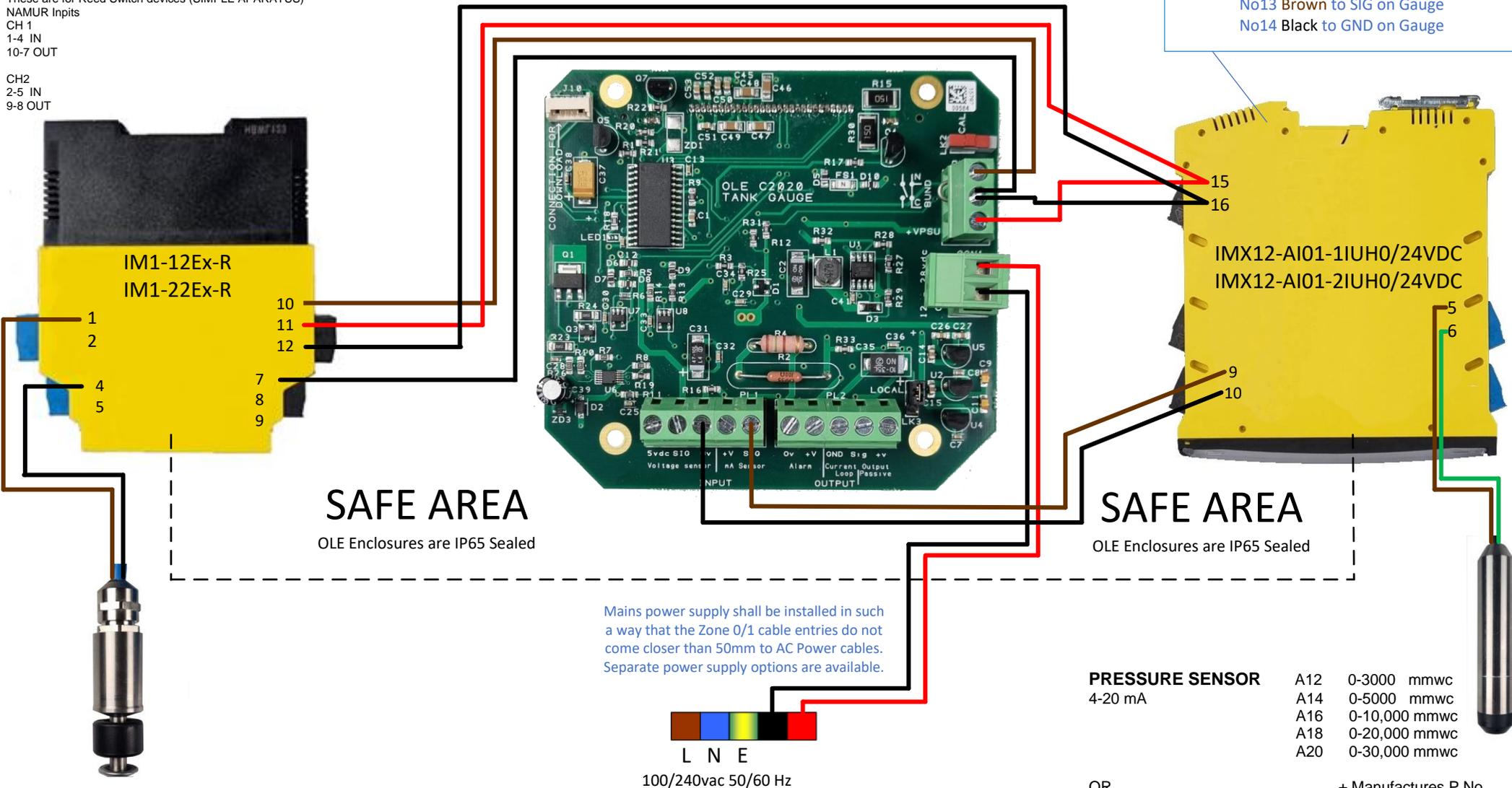
CH2

2-5 IN

9-8 OUT

# Z2000 ATEX WIRING DIAGRAM

1UI Version is for one sensor/display  
 No5 Brown from sensor-No6 Green from sensor  
 No9 Brown to SIG on Gauge INPUT  
 No10 Black to 0v on Gauge INPUT  
 2IU Version is for two Sensors/Displays  
 No7 Brown from sensor-No8 Green from sensor  
 No13 Brown to SIG on Gauge  
 No14 Black to GND on Gauge



**SAFE AREA**

OLE Enclosures are IP65 Sealed

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



**L N E**

100/240vac 50/60 Hz

**PRESSURE SENSOR**

4-20 mA

- 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.

**DRAWING No: S950 Iss 3**

**Date: 13/06/2023**