

## **TRANSWAVE PENDANT INSTALLATION INSTRUCTIONS** **FOR CONNECTION TO IMO JAGUAR VXR INVERTER.**

The default settings for a new Jaguar VXR inverter are arranged for keypad operation Stop/Start plus using the up/down buttons for speed up & slow down.

To carryout a basic setup plus installation of a Transwave pendant proceed as follows.

- Connect a suitable motor configured to operate on 230 Volts 3 phase (delta connected) L1 – L2 – L3 & Earth.
- Connect the input single phase power Live-Neutral & Earth 230 Volts 50Hz
- Test the drive operation using the keypad
- Stop the drive
- Press PRG/RESET
- Press FUNC/DATA
- Move up/down arrow buttons until F01 is displayed
- Press FUNC/DATA
- Move up/down arrow buttons until 1 is displayed
- Press FUNC/DATA - display flashes SAVE and then shows F02
- Press FUNC/DATA
- Move up/down arrow buttons until 1 is displayed
- Press FUNC/DATA display flashes SAVE and then shows F03
- Press PRG/RESET twice
- Turn off the power and wait for the display to go blank
- Connect the seven pendant wires and the earth screen as shown below
- Turn on the Power
- Press the start button on the pendant
- It will now be possible to start/stop, reverse and speed up & slow down from the pendant.

If there is a requirement to connect limit switches or additional stop buttons, these should be connected using normally closed contact devices connected in series to interrupt the PINK 24VDC+ supply wire. When the supply to the pendant is momentarily interrupted the drive will stop.

Pendant connections to the drive. Behind front cover.

Wire Colour	Terminal Number	Function
PINK	PLC	24VDC +
GREY	REV	REVERSE
WHITE	FWD	FORWARD
BROWN	CM	24VDC – Return
BLUE	13	Potentiometer High Side
YELLOW	12	Potentiometer Centre
GREEN	11	Potentiometer Low Side
Outer Screening	PE	Earth screen

