ABLE
Instruments & Controls

V-TRAKKA IOM

QUICK SETUP GUIDE: v-Trakka™(X1)

INSTALLATION & SETUP SUMMARY

- Fit the v-Trakka™ main bracket to the valve collar
- Terminate loop wires to JB
- Fit Spindle and target to Valve-stem
- Fit the v-Trakka™ cover
- Register the mA output for the valve OPEN and CLOSED, at DCS

INSTALLATION DETAILED INSTRUCTION

FIT THE v-Trakka™ MAIN BRACKET

- Slide the bracket onto the valve collar (near the back end, ***(Fig.1)***
- **Do not remove the M10 bolts** as they retain the spring-loaded studs.
  These studs protect the valve collar thread.
- Rotate to present the Terminal Box to the preferred position
- Keeping the collar **centred**, tighten the 3 x M10 bolts to approx. 10nm ***(Fig. 2)***

Valve collar

Valve collar mounted

Fig. 1

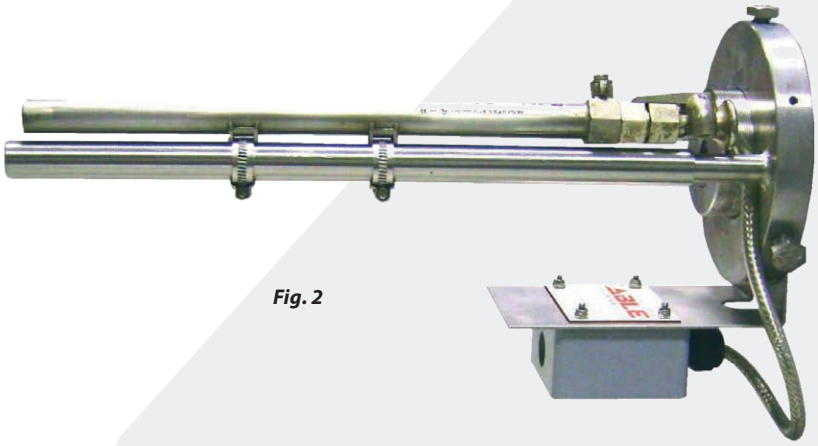

Fig. 2

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HOOK-UP & SETUP

Wire the loop as follows:

- DCS powered loop +ve to terminal 1
- DCS powered loop -ve to terminal 2 ***(Fig.3)***

Screw in the spindle thread-end that best fits the stem tapping. Tighten spindle using adjustable spanner at the flat area provided

- Slide the target-ring onto the v-Trakka spindle (large disc to the front) ***(Fig. 4)***
- With valve-OPEN, tighten the ring-target in place, just in front of the 20mA marker (not behind this point or an error will be generated). Use hex-key.
- Set the DCS delta-v according to local procedure (e.g. OPEN>xx%;CLOSED<x%)

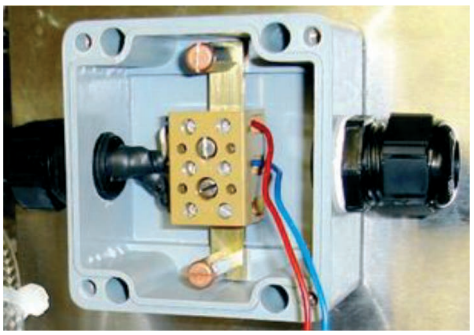

Fig. 3 *JB Wiring*

FIT THE COVER

- Mount the cover so that the transmitter **cable passes through the large slot**. Rotate cover slightly to engage the bayonet slots, and align M4 holes. Secure the cover with one M4 knurled thumb-screw. If fitted, the red cap will pop out should the valve stem ever over-extend ***(Fig. 5)***

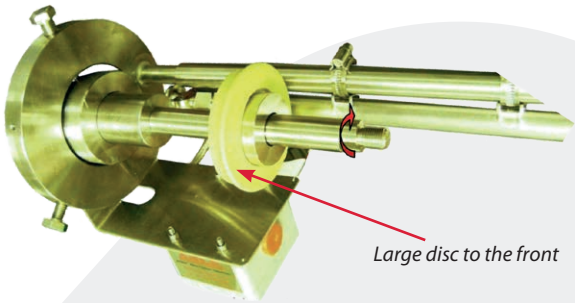

Fig. 4

COMMISSION: FINAL HOOK-UP

- Check DCS signal is correct then remove any inhibits to go live
- Wire on the stainless steel TAG plate, if one is to be assigned.

Questions/spares?
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Fig. 5

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