



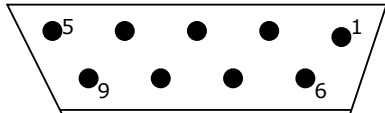
Trio Motion Technology Ltd.
 Shannon Way, Tewkesbury,
 Gloucestershire. GL20 8ND
 United Kingdom
 Tel: +44 (0)1684 292333
 Fax: +44 (0)1684 297929

1000 Gamma Drive
 Suite 206
 Pittsburgh, PA 15238
 United States of America
 Ph: +1 412.968.9744
 Fx: +1 412.968.9746

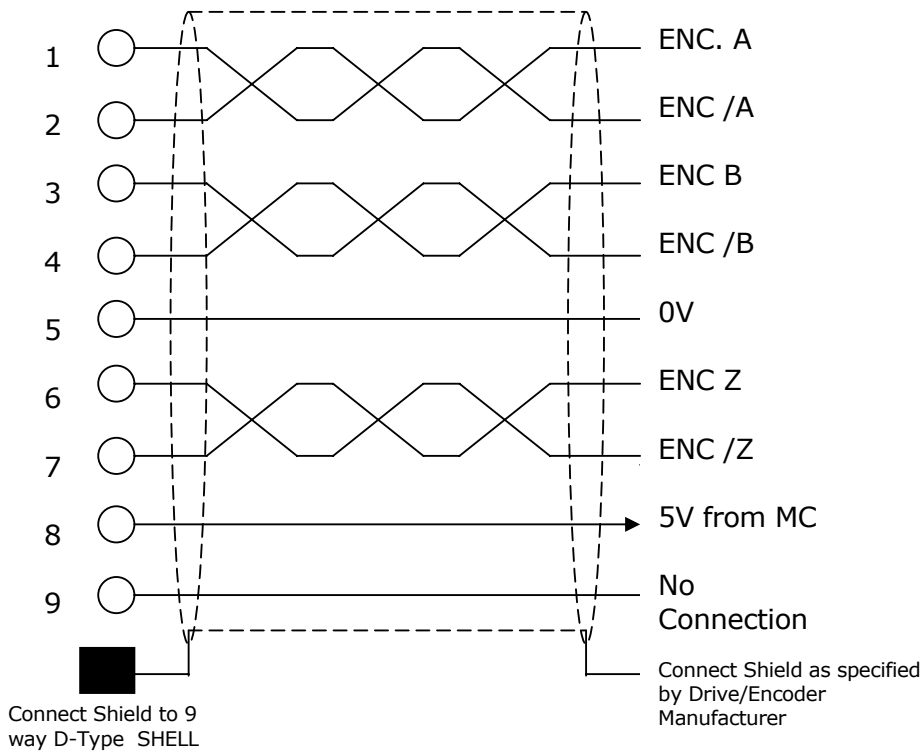
Doc No.: TN20-85
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Subject: Motion Coordinator to Panasonic A series Axis Wiring

Application Note

1. Encoder Cable – General view.



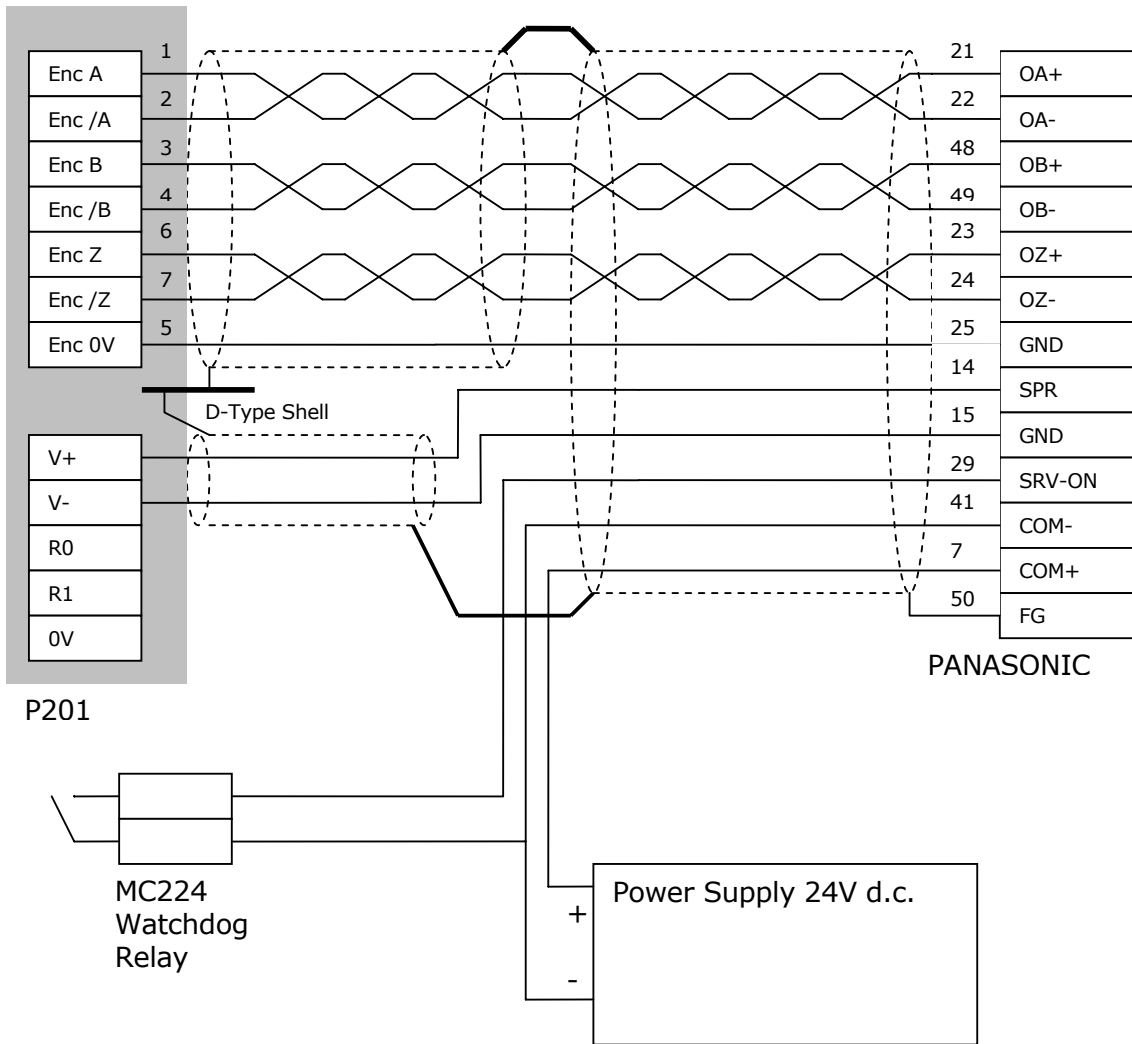
9 Way D-Type Socket.
 (See Manual for location)

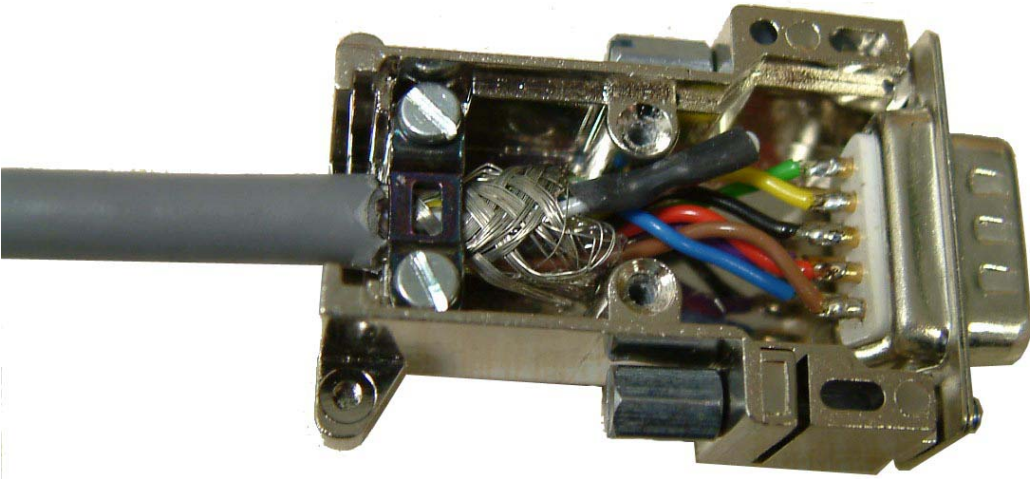


Notes:

1. All Encoder signals are RS422 Differential. High impedance line receiver fitted in P200/P201.
2. Pin 5 0V **MUST be connected**. High levels of common mode voltage can cause damage to the encoder input circuit.
3. 0V return lines and shields must be connected separately. Shields are terminated at the D-Type connector shell or to the Earth Ground pin of the 5 way CANbus/Power connector.
4. Pin 8, 5V output is provided to power external encoders. The maximum current must not exceed 150mA total for each encoder input channels.

2. P201 to Panasonic Multi-cable.





The exposed screen must be clamped where it enters the D-Type Shell.