ABSOLUTE IXARC MAGNETIC ROTARY ENCODER WITH ANLALOG INTERFACE
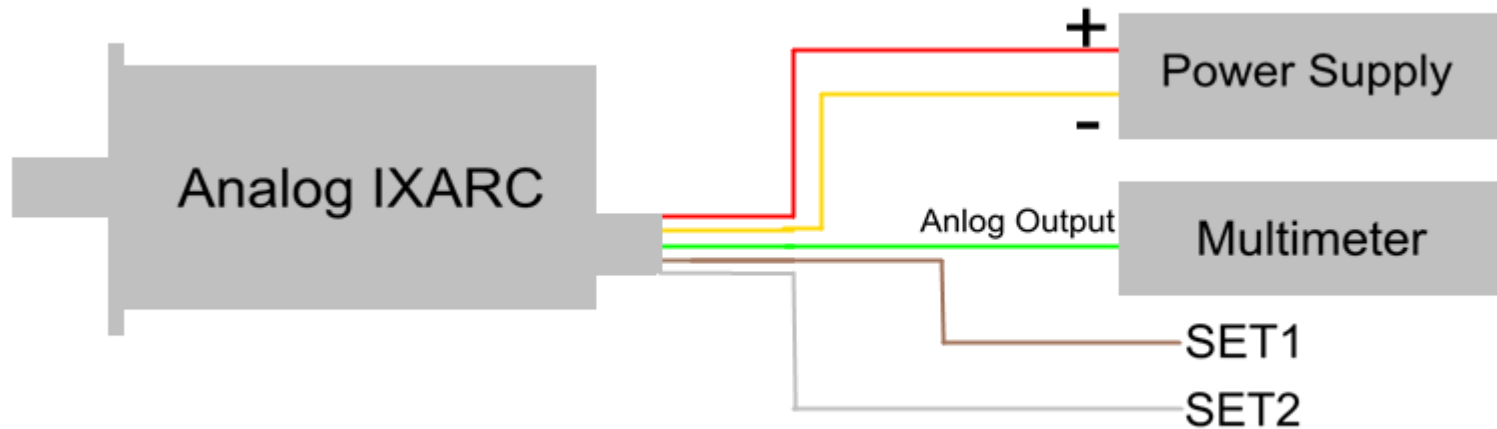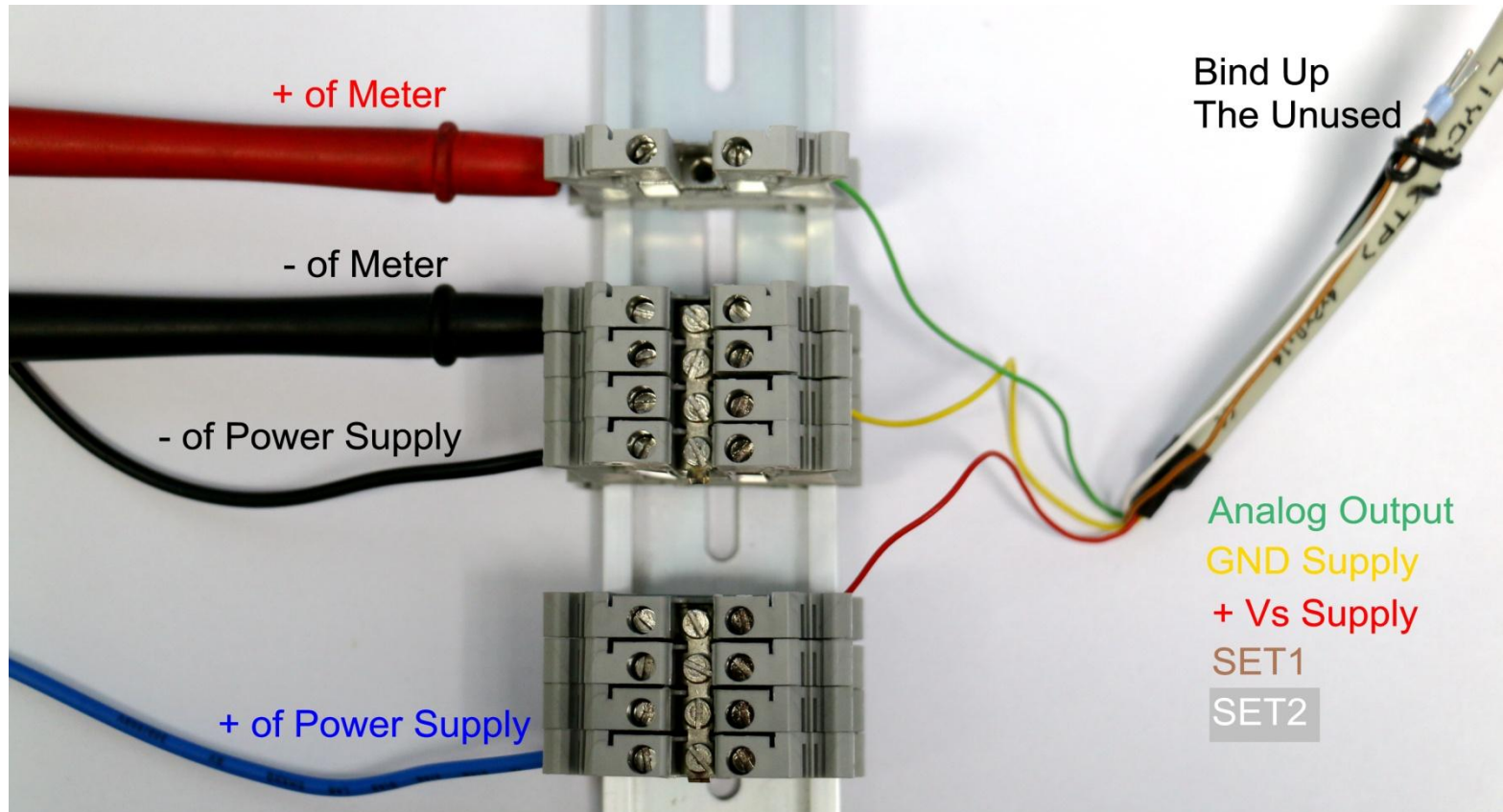

> Sample: MCD-AV002-0412-R060-CAW
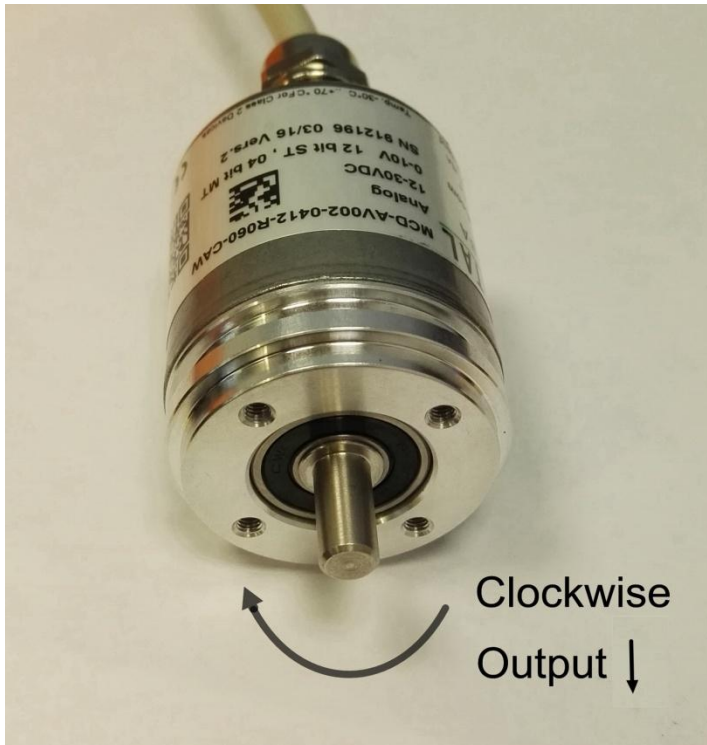
1. Systematic Graph

> We need Analog IXARC, Power Supply and Multimeter

> Connect the Analog IXARC with 12-30VDC Power Supply
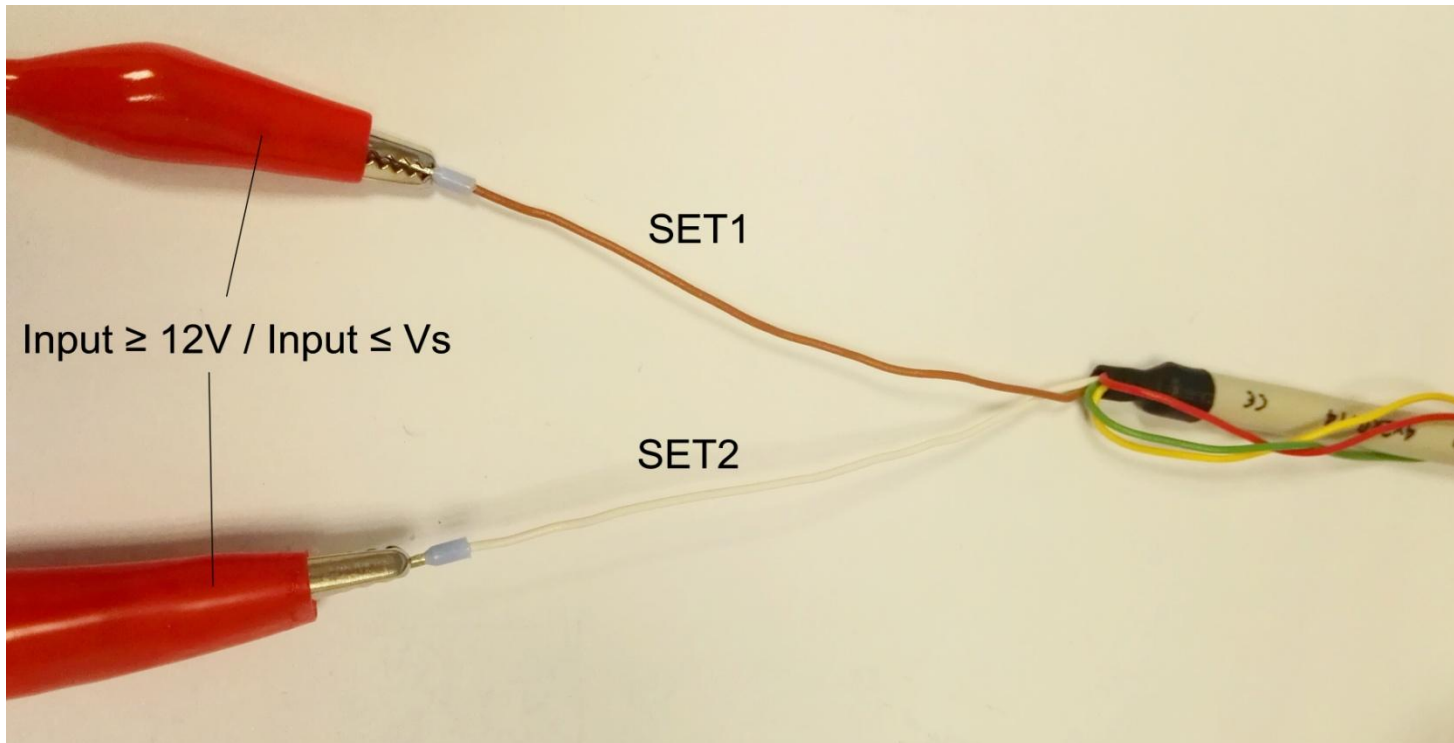
> Connect with meter to monitor Analog Output

2. Wiring

> Be aware of the wire color.

> Connect them correctly according to the graph.

> ## 3. Displaying

> Mid of Default Scale outputs 5.0 VDC.

> Output reduces as the encoder rotates clockwise, the default direction.

Clockwise

Output ↓

APO   5.00

> 4. Reset

> SET1 (Brown), SET2 (White).

> Apply 'H' signal pulse to SET1 and SET2 at the same position to Reset Mid of Default Scale

> Input ≥ 12V / Input ≤ Vs

5. Scaling

> Connect SET1 signal to high level for 1 second at the start position.

> Connect SET2 signal to high level for 1 second at the end position.

> Measurement Direction can be altered through Scaling Function.

Start Position

SET1

High Level Pulse

End Position

SET2

High Level Pulse

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