AVTRON™ ENCODERS

Encoder Programming Tool

Reprogram PPR, Phasing, & More - Easy to use web-based tool - For AV6/HS6, AV30/HS40 Encoders

Reprogram your Avtron Encoder!

ᴵ Drastically slash your encoder inventory!
  ᴵ Reprogram PPR, Phasing, and Line Driver output with just a couple clicks
    ᴵ Can program Incremental, SSI, and Analog encoders
ᴵ Web-based tool that connects to most internet capable devices with an internet browser
ᴵ On-board Diagnostic LED for status of device at-a-glance
  ᴵ Compact and light-weight design
ᴵ Works with the AV4/HS4, AV6/HS6, & AV30/HS40

ENCODER PROGRAMMING TOOL

Are you struggling to keep many different encoders in stock for your needs? Now you can use one encoder to solve many applications!

The Avtron Encoders Programming Tool allows you to quickly and easily change the parameters of your AV4/HS4, AV6/HS6, or AV30/HS40 Encoder with just a couple clicks!

Setup is simple: The Programming Tool is a web-based device that connects wirelessly to any computer, smartphone, or tablet with an internet browser. Be sure to purchase the programming cable(s) that fit your encoder connector(s). Plug the Programming Tool into power, plug the encoder into the cable; you'll reprogram units in under 2 minutes!

The Avtron Programming Tool is designed for easy customizing of your encoder. For incremental encoders, reprogram PPR to anything between 1 to 16,384. Choose between standard and reverse incremental pulse direction (phasing). And finally, choose between HTL (5-30V) or TTL (5V) for your line driver output.

The Avtron programming Tool also allows for quick reprogramming of select absolute encoders that use SSI or Analog communication protocols. Choose resolution, bits per turn, counting direction, output format, and many more options!

Programming more than one encoder? Our device auto-stores your last configured parameters, making it easy to program many different encoders in one sitting. Simply plug in the next encoder that you would like to re-configure, click "Auto Configure" and you're set!

Stop stocking many variations of encoders. Use the Avtron Encoder Programming Tool to reconfigure your encoders!

OUTLINE DRAWING

NO OUTLINE DRAWING AVAILABLE

Check out our website for more detailed specifications, drawings, and installation instructions. www.avtronencoders.com

MORE ENCODER PROGRAMMING TOOL ADVANTAGES

- Add programming cable(s) required for connector based units
- Terminal block included for units with flying leads
- Auto Configure option remembers your last set parameters
- Simple interface makes it easy to reconfigure encoder
- 1 Year No-Hassle Warranty

ENCODER PROGRAMMING TOOL SPECIFICATIONS

Programmable Parameters
  Incremental:
    PPR: 1 to 16,384
    Phasing: Standard or Reverse
    Line Driver Output: HTL (5-30V) or TTL (5V)
  SSI:
    Singleturn Resolution: 256 steps (8 bit) to 65536 steps (16 bit)
    Number of Turns: 1 turn (singleturn) to 65536 turns (16 bit multiturn)
    Code Output: Binary or Gray code
    Direction: CW up or down
    Direction Changes w/: Supply voltage or ground
    Preset Value: 0 to max resolution selected
  Analog:
    Output Direction: CW up or down
    Analog Interface:
      - 0-10 V or 0.5-9.5 V
      - 0-5 V or 0.5-4.5 V
      - 4-20 mA
    Measurement Range: min 22.5 degree to max 23592600 degree

Diagnostic LED: Standard
Compatible Encoder Models:** AV4/ HS4, AV6/HS6, AV30/HS40
Included in Box: Programming Tool, USB Wi-Fi Adapter, Power Adapter, Terminal Block, & microSD card

*Programming cables sold separately, required.
**Select configurations only

SELECTION GUIDE

Progamming Tool & Cables

Model	Incremental Cables	SSI + Inc. Cables	Analog Cables
D52986	**D52987-02** - M12 5 Pin **D52987-03** - M12 8 Pin **D52987-04** - M23 12 Pin **D52987-05** - M23 16 Pin **D52987-06** - MS 6 Pin **D52987-07** - MS 7 Pin **D52987-08** - MS 10 Pin	**D52987-09** - M23 12 Pin **D52987-10** - M23 16 Pin **D52987-11** - M12 8 Pin	**D52987-01** - M12 5 Pin

AVTRON™ ENCODERS

CE