

# Z-TRAUQ INC. programmable DIGITAL POTENTIOMETER

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www.z-trauq.com

## analog output

### EPM 3790N



Compact remote station combines:

**Start / Stop / Forward / Reverse / Speed Adjustment / Error Message**  
plus  
**bright LED Indicator**

#### FEATURES:

- ✧ Pre-set speed or
- ✧ Set speed on the fly
- ✧ Adjustable ramp up and down times
- ✧ Forward or Forward & Reverse operation
- ✧ User adjustable High & Low limits
- ✧ Scale from -1999 to 9999
- ✧ Moveable decimal point
- ✧ Password protection
- ✧ Error input
- ✧ Analog output 0/2 - 10Vdc or 0/4 - 20mAdc
- ✧ 12 bit resolution
- ✧ ProKey\*: transfer parameters or RS485 com. port

#### SPECIFICATIONS:

Operating temperature: 0 - 50°C  
Humidity: 0 - 90% non condensing  
Protection: Nema 4X  
Dimensions: 77W x 35H x 62.5D mm  
Display: 4 LED, 10mm tall  
Power consumption: 2VA

#### ORDERING INFORMATION:

| A | Supply Voltage                   |
|---|----------------------------------|
| 2 | 24 Vac/dc ( $\pm 15\%$ ) 50/60Hz |
| 4 | 120 Vac ( $\pm 15\%$ ) 50/60Hz   |
| 5 | 230 Vac ( $\pm 15\%$ ) 50/60Hz   |
| 8 | 10-30 Vdc                        |
| 9 | Please specify                   |
| E | Output                           |
| 4 | 0/4 - 20mAdc                     |
| 5 | 0/2 - 10Vdc                      |

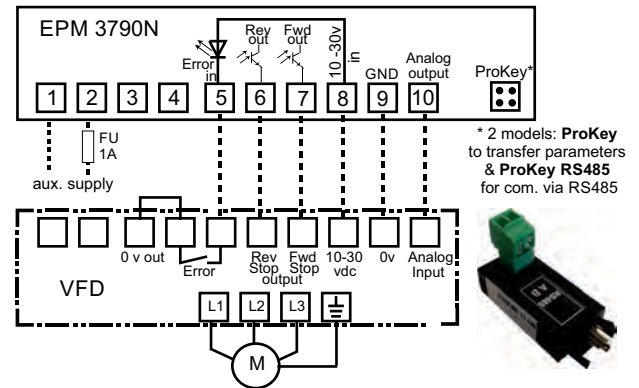
Complete the model number with the appropriate suffix.

eg. EPM 3790N-4004 for a digital potentiometer requiring 120VAC auxiliary supply voltage and having a 4-20mAdc output.

| A         | BC | D | E |
|-----------|----|---|---|
| EPM 3790N | 0  | 0 |   |

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#### CONNECTIONS:



#### RELATED PRODUCTS:



#### Z50JHZ20 & Z200JHZ20

Specially designed current transformers that can be used on the load side of a VFD.

#### S315 Loop Powered Display

Uses the 4 - 20 LOOP POWER for both measurement and to illuminate the display. No need for additional auxiliary power.



#### Signal Isolators, Converters, Conditioners & Duplicators

