

Voltage, Current, PWM Analog

PE18-V-0.5-4.5-0-090-M8

PE18-I-4-20-0-180-M8

PE18-PWM-0-090-360-CBL

Features:

- Absolute Voltage
- 4-20ma Current
- Time
- Single -Turn

Output:

- 10 Bit Position
- .5 to 4.5 vdc
- 4-20 mA
- 1/1024 sec/bit

90-180-270-350 degree measure angle

Voltage Output proportional to Angle / .5 to 4.5 volts

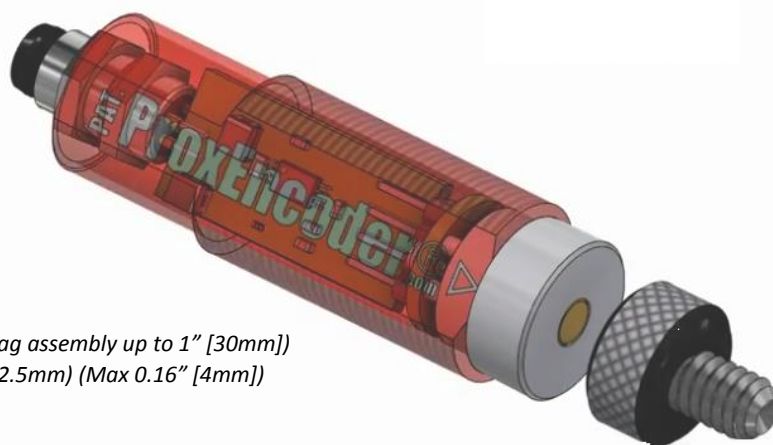
Current Output proportional to Angle / 4-20 ma

PWM 1/4095 per bit

V Voltage output

I Current output

PWM time based on/off



MECHANICAL

- Housing Material: Aluminum/Stainless Steel
- Mounting: 18mm Threaded
- Weight: 3oz (with mounting nuts)
- Rated Magnet/Sensor Gap: 0.3" (7.62mm) (Max w/ custom mag assembly up to 1" [30mm])
- Rated Planer Tilt/Axial Gap: Planer 30° (Max 45°) / Axial 0.1" (2.5mm) (Max 0.16" [4mm])
- Speed: 3000 PRM Max
- Mag-H Application Magnet Included

ELECTRICAL

- Input Power: 6 to 30 VDC @ approximately 60mA max
- Resolution 10 bit analog output
- Separate Voltage and Current outputs
- Cable PKG-6M2 (typ)

ENVIRONMENTAL

- Operating Temperature: -30° to +80°C
- Shock: 400g/6ms (MIL STD 202)
- Vibration: 5 to 3000 Hz, 20g (MIL STD 202)
- Protection Class: Connector Dependent (Standard M8 – 6 Pin, IP67)

Generic Part Number:

Shell Shape – Output – Start Voltage – End Voltage - 0 – end angle – Output Connection – Options -

Shell Shape - PE18 – Box end Sense – Box Side Sense

Output Analog Voltage – Analog Current – Time Based PWM -X-

Analog Voltage/Current Start – End

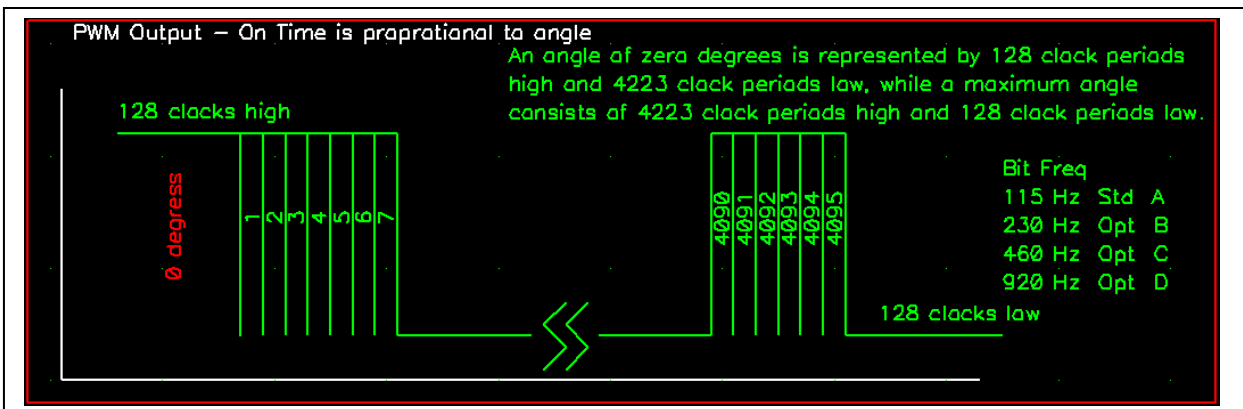
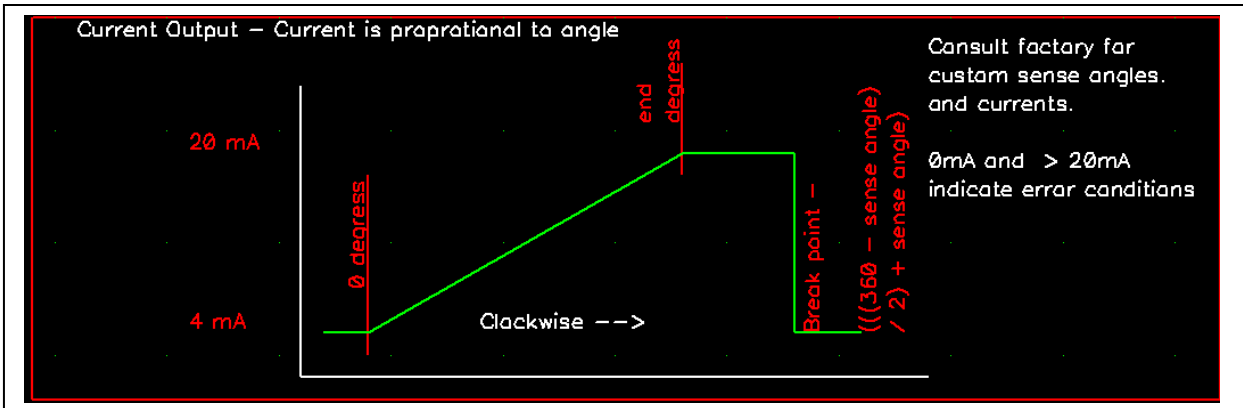
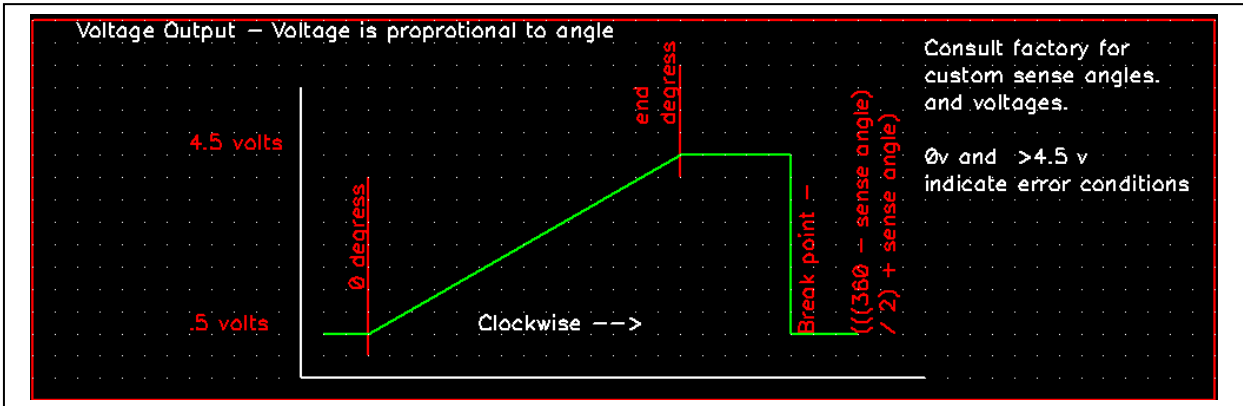
Start Angle 0 – End Angle 90-180-270-360

Output Connection M8 – Cable – DE4 - DE6

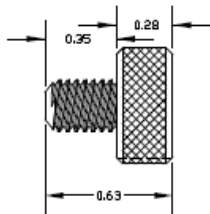
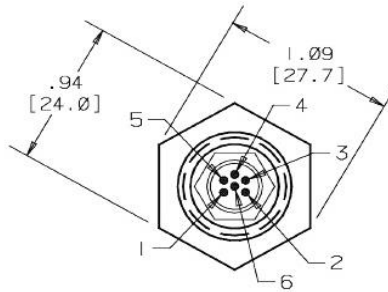
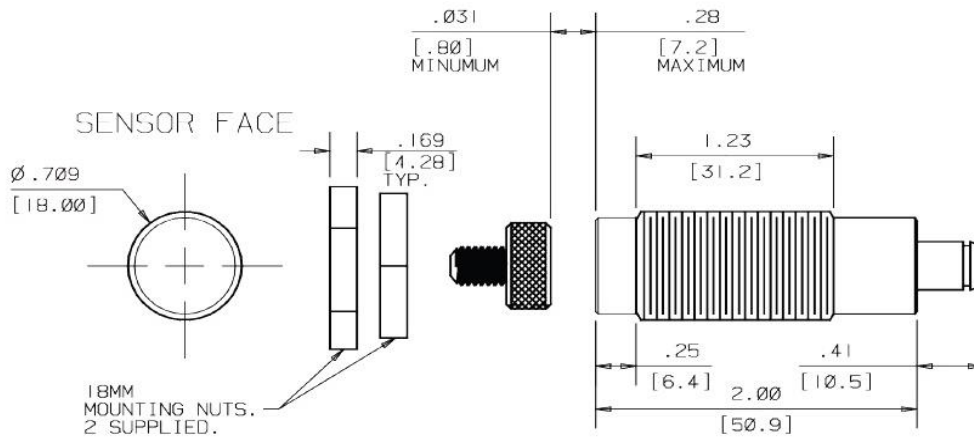
Option SS - Stainless steel

– xxxxx – Custom assigned Number

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MOUNTING METHOD.
 DRILL AND TAP ROTATING
 ELEMENT 1/4-20 x .431 DEEP.
 INSTALL MAGNET ASSY. WITH 1/8"
 ALLEN KEY.