


**Programming quick sheet is designed to familiarize you with EWN-F pump menu structure. Please see instruction manual for full details, or contact us for assistance.**



**MAN**  
100.0%


**ON/OFF POWER**



Pressing the power button in MAN mode will turn the pump on and start pumping. Press again to turn off. Power button will also exit EXT mode.

**DIV MULT ANA-R**  
0.0%




**EXTERNAL MODE**



Pressing the external mode button will switch the pump to EXT mode. Standard setting for external mode is DIV / 1.




**DIV**  
EXT

3 SEC.




Switching between modes, press and hold EXT button for 3 seconds. You will then get a large DIV symbol. Up and down arrow key will switch between DIV, MULT and ANA-R.

**DIV MULT**  
/ 1  
EXT

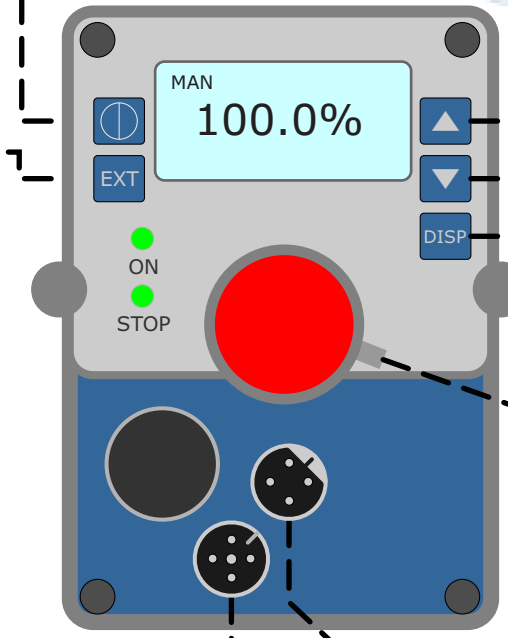




If DIV or MULT are selected, press the EXT key to set your value. Up and down arrow key will change the value. EXT key saves setting.

**4-20** ANA-R  
mA SET

If ANA-R is selected, press the EXT key to set your value. Up and down arrow key will change between 4-20, 20-4, 0-20 and 20-0. Settings 4-20 and 0-20 speed up when mA value increases. 20-4 and 20-0 decrease speed when mA value increases.



**MANUAL SPEED ADJUSTMENT.**

**MAN**  
100.0%




Pressing the up or down arrow key will adjust the pump stroke rate %. Holding down the up or down arrow key will cycle the percentage rapidly.

**CHANGE THE DISPLAY UNITS**

**MAN**  
0.0000 GPH



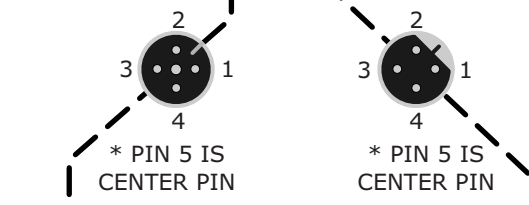
Pressing the display button, allows you to switch display units. You can switch between GPH, L/h, ML/m. Output calibration is needed to complete display change.

**MANUAL STROKE ADJUSTMENT**

CCW rotation to increase setting and CW rotation to decrease. Red area of dial is an a less accurate setting.

Rotating the stroke adjustment knob, will change the amount of chemical per stroke by percentage. Pump accuracy depends on many factors, calibration is need to verify actual output.

**CALCULATION:** to calculate relative output based on settings: **stroke % x speed % = output %**  
(example):  
50% (.5) stroke x 50% (.5) speed = .25% output



**EXTERNAL WIRING**

When using the "IX0018" cable assembly,  
Pin 1 = Brown  
Pin 2 = White  
Pin 3 = Blue  
Pin 4 = Black  
Pin 5 = Green

**EXTERNAL PULSE:** DIV or MULT Mode, Using the 2 & 5 pins to wire an external pulse from a reed switch or non powered flow meter. Hall effect sensors cannot be used. Using IX0018 cable assembly use white and green wires, polarity does not matter.

**EXTERNAL ANALOGUE:** ANA-R Mode, Using the 3 & 5 pins to wire an external analogue signal. Using IX0018 cable assembly use blue (+) and green (-)wires, polarity does not matter.

**STOP / LEVEL WIRING**

When using the "IX0019" cable assembly,  
Pin 1 = Brown  
Pin 2 = White  
Pin 3 = Blue  
Pin 4 = Black  
Pin 5 = Green

**EXTERNAL STOP SIGNAL:** Using the 2 & 4 pins to wire the external stop signal. The external stop is a maintained stop similar to a flow switch signal. Using IX0019 cable assembly connect white and black wires, polarity does not matter. Switch is open for run and close for stop. Indicator light on panel will come on when pump is in stop mode.