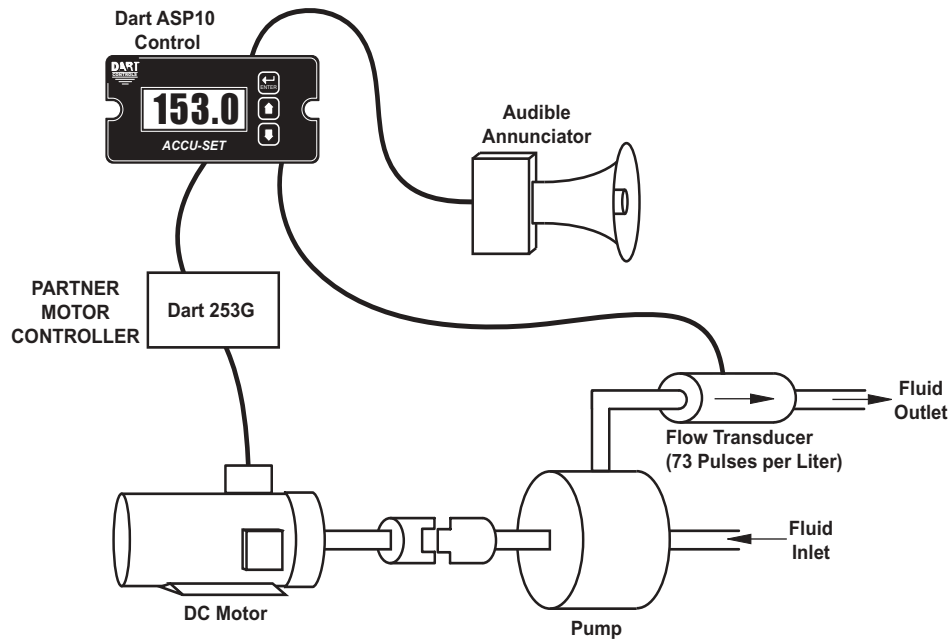


Pump Controller with Audible and Visual Alarm

Description:

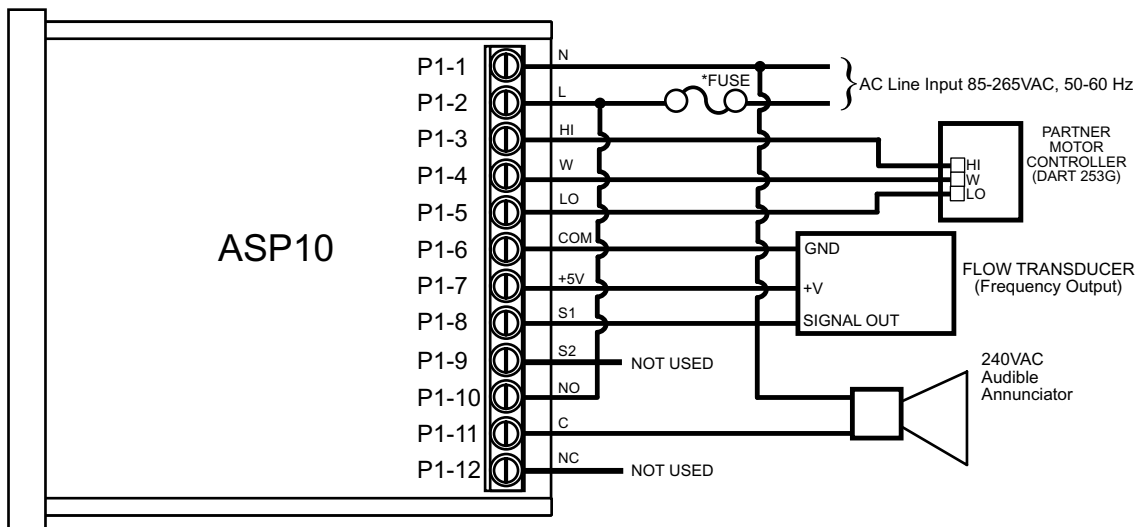
A waste pump control which displays the pump rate in liters per minute with an audible and visual alarm output which will warn the operator if the waste flow has stopped. The alarm should not be able to be silenced and should automatically reset when flow rates have returned to normal. The display should indicate in the format "xxx.x" (LPM).

Application Diagram:



Pump Specs:
19 Shaft Rotations = 2 Liters

Wiring Diagram:



* Size fuse according to unit and application. See electrical specifications for maximums.

Parameter Configuration:

Parameter	Value	Notes
10	1	Master, Rate Mode Setting (LPM is a rate-based unit)
13	3	Decimal point position set to XXX.X on display
30	10	Display should indicate 1.0 LPM (10) when pickup at Reference RPM, parameter 31
31	73	This is the RPM at which the Display Reference, parameter 30, should be displayed
32	1	Pulses per revolution of shaft encoder or pickup is 1 PPR
50	7	Alarm active when pickup stalled
53	1	Flash display when alarm is active
57	10	Lower limit setting for pickup stall timeout. Set for 10 seconds.