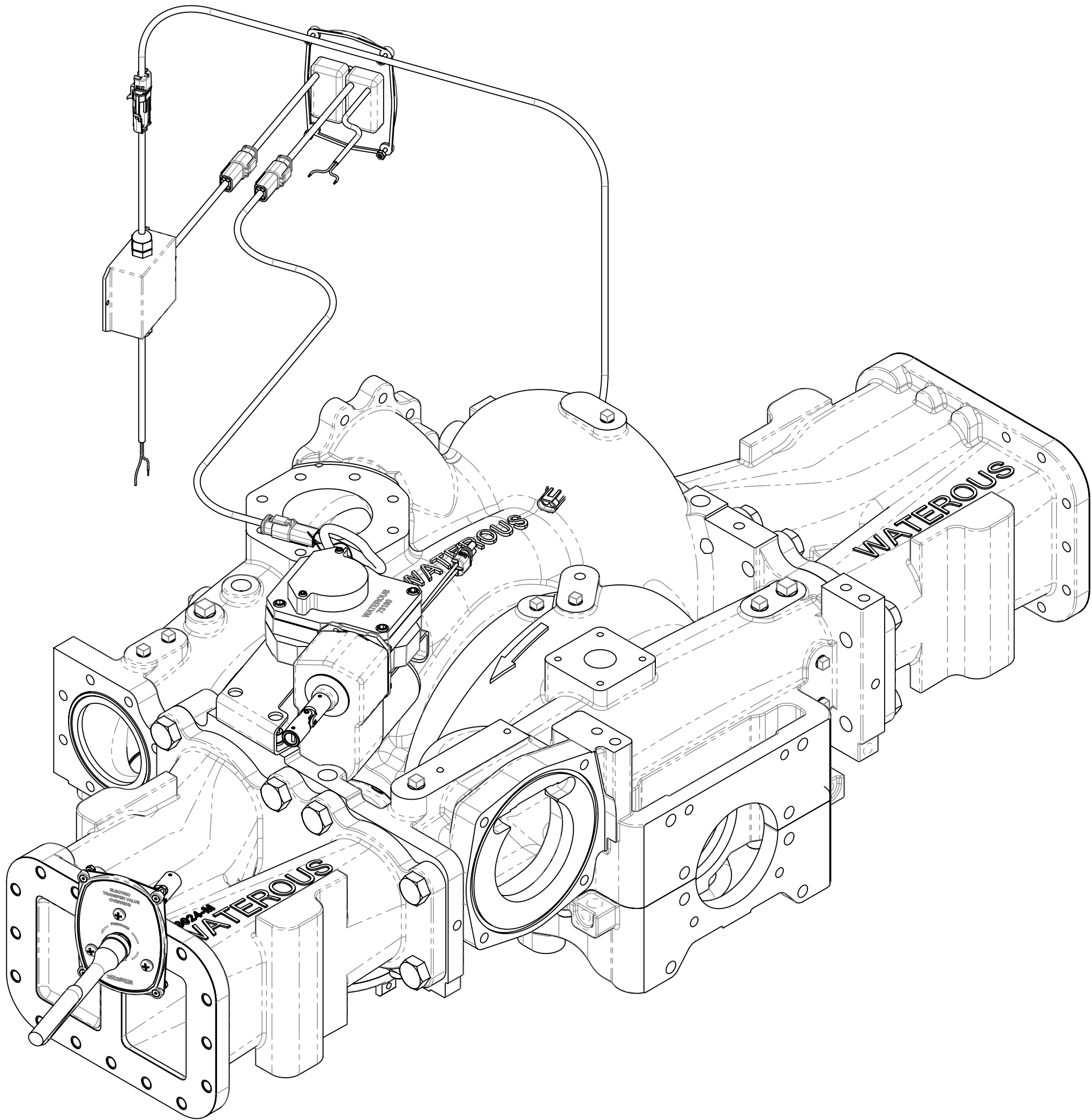
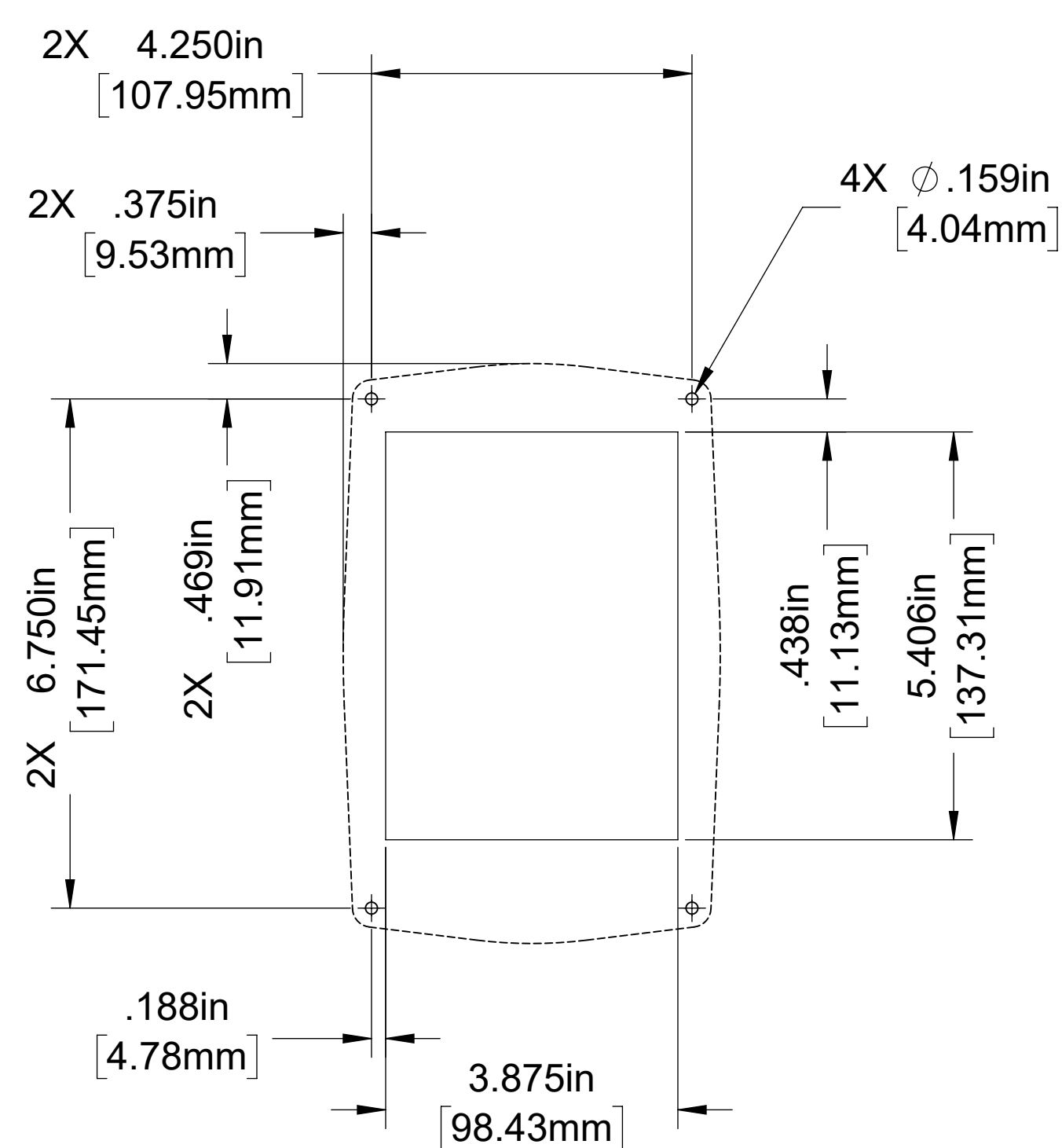
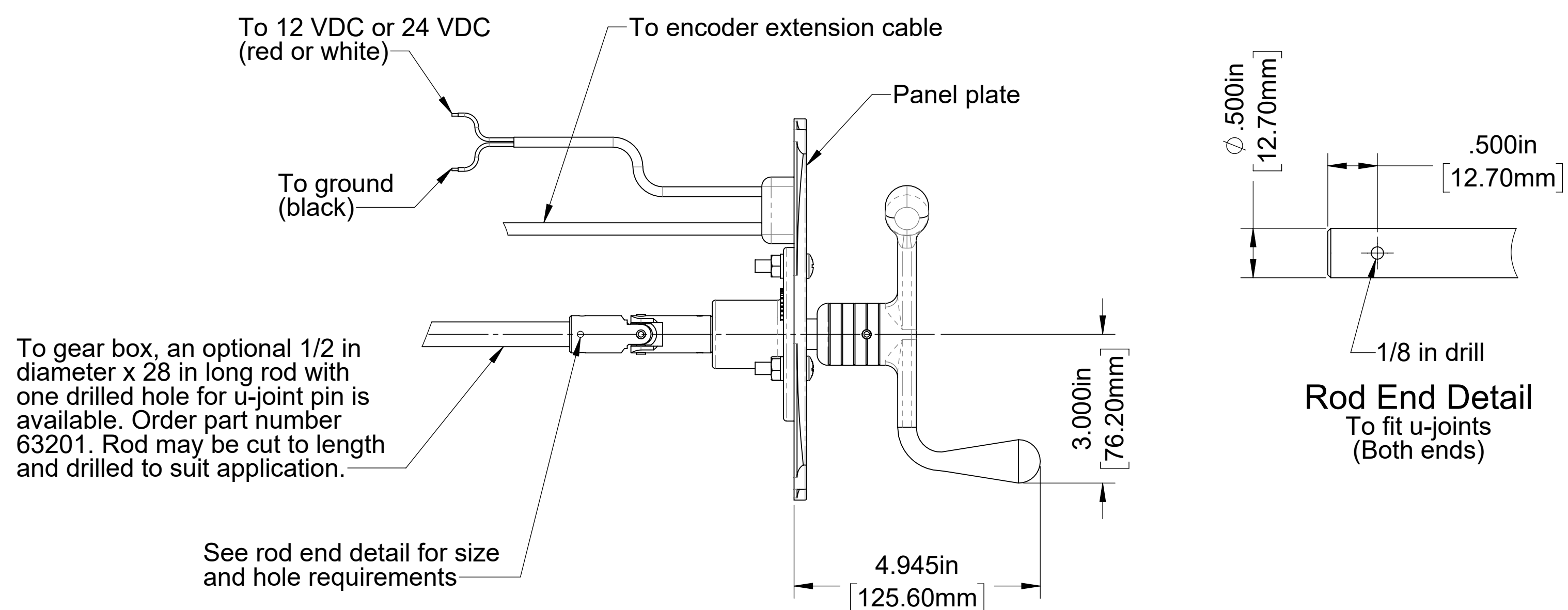


Transfer Valve Actuator Dimensional Drawings

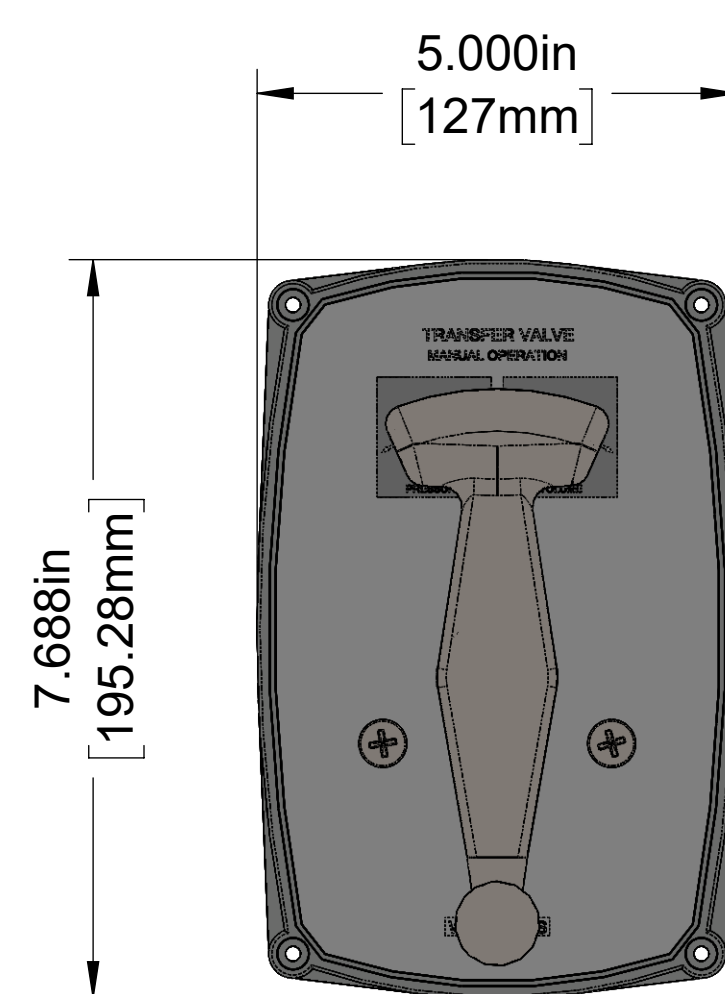
CM and CMU Series Fire Pumps

Index:				
Mounting	Operation	See Page		
		Actuator	Manual Override	Wiring Schematic
Top	Manual	2	--	7
	Electric	3	6	8
Bottom	Manual	4	--	7
	Electric	5	6	8



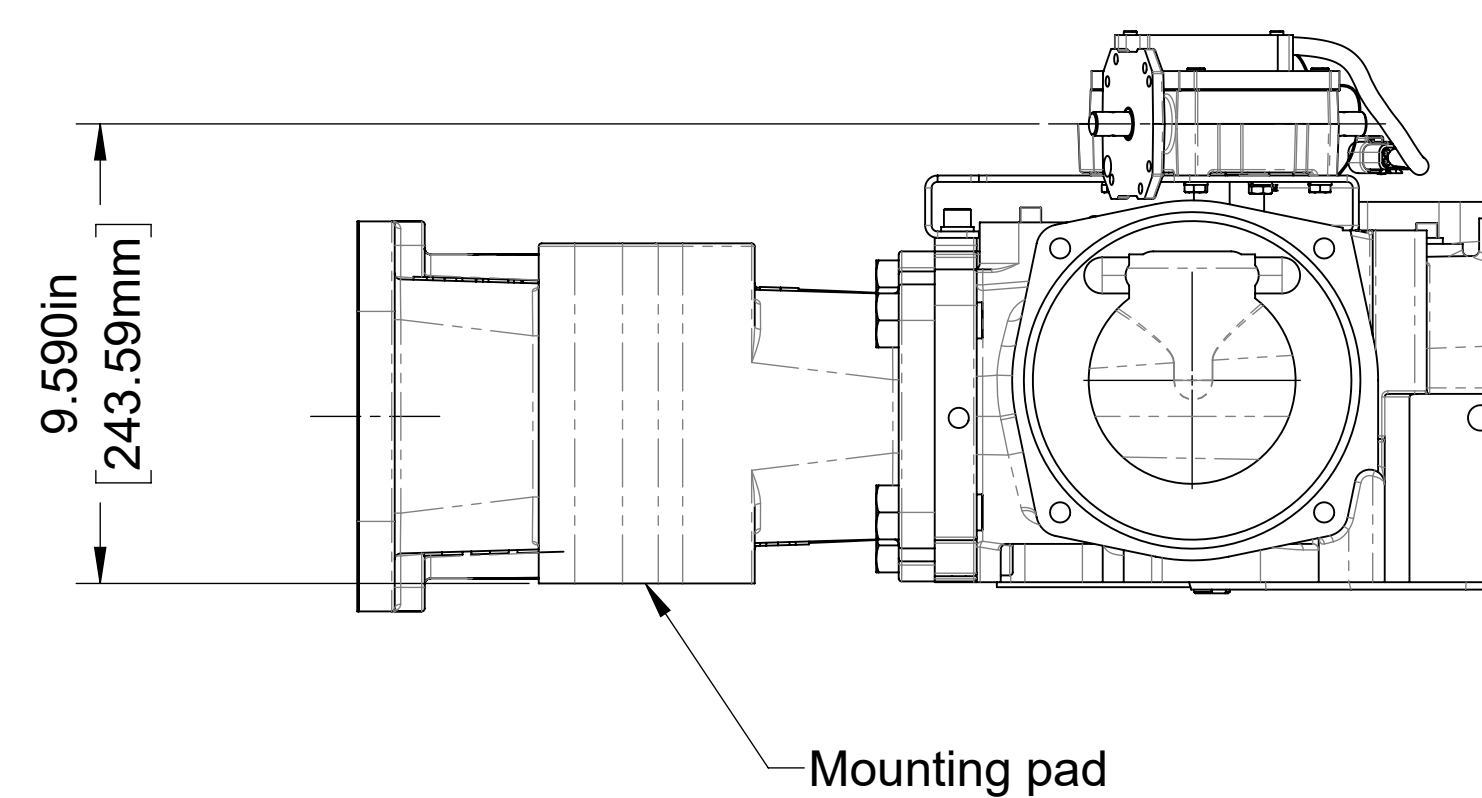
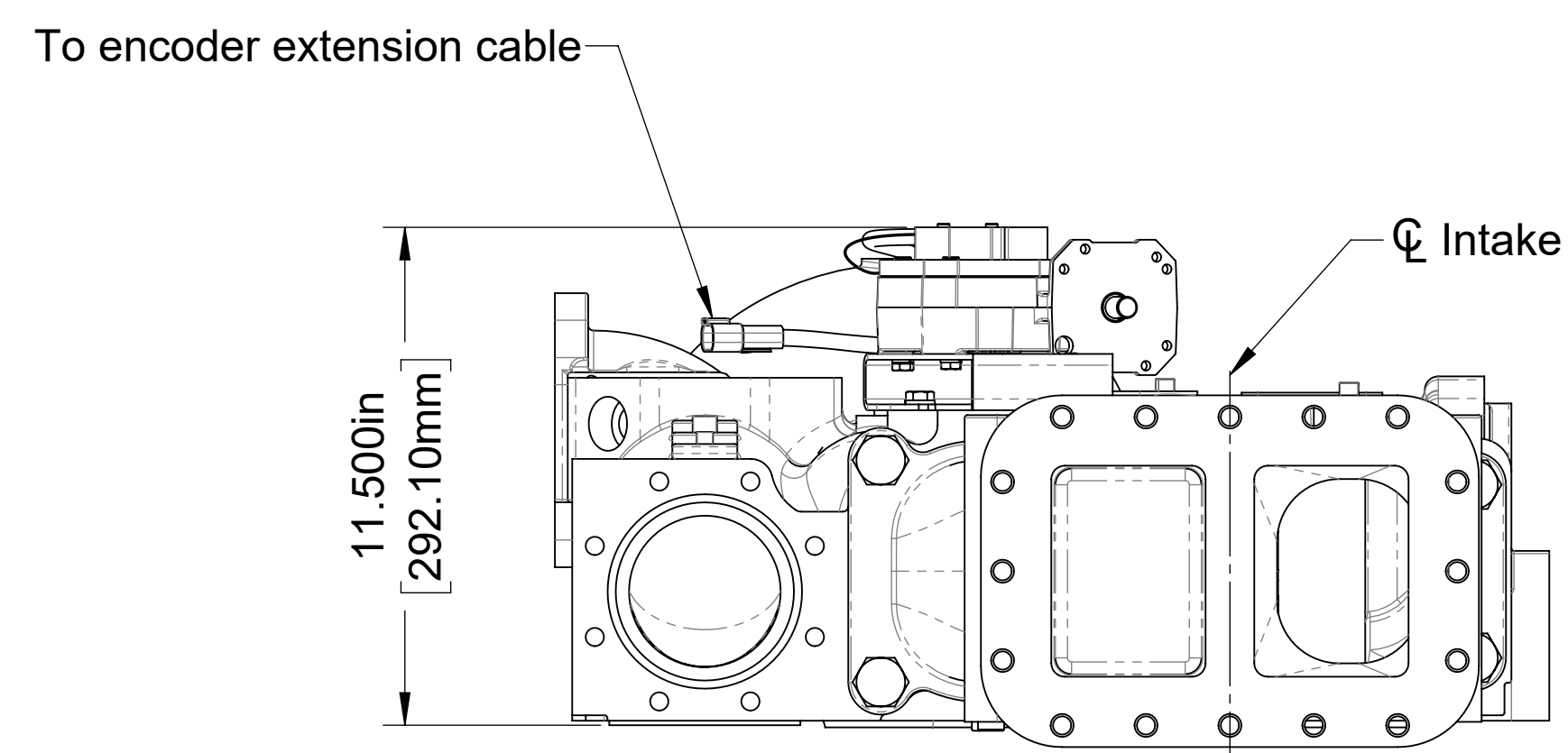
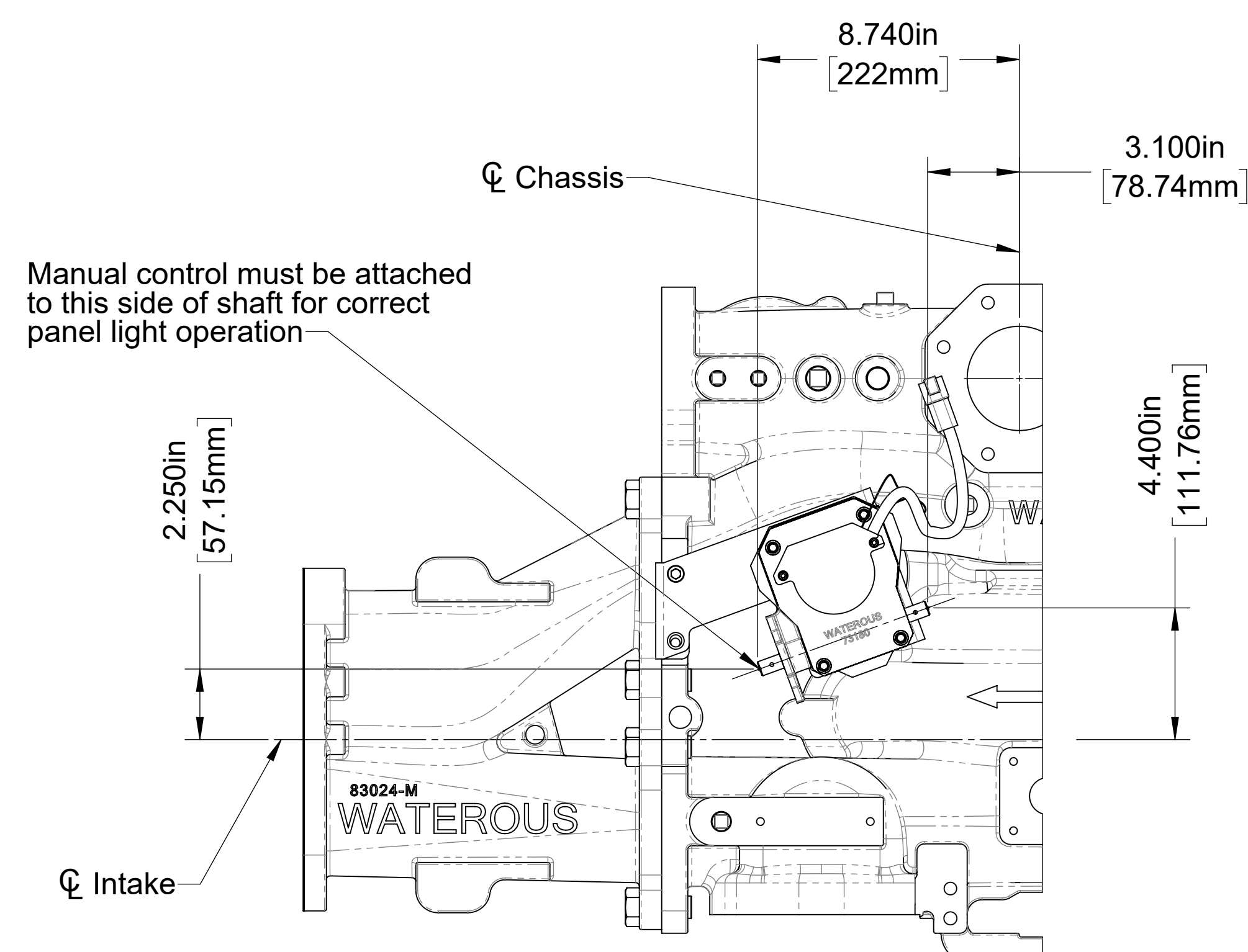
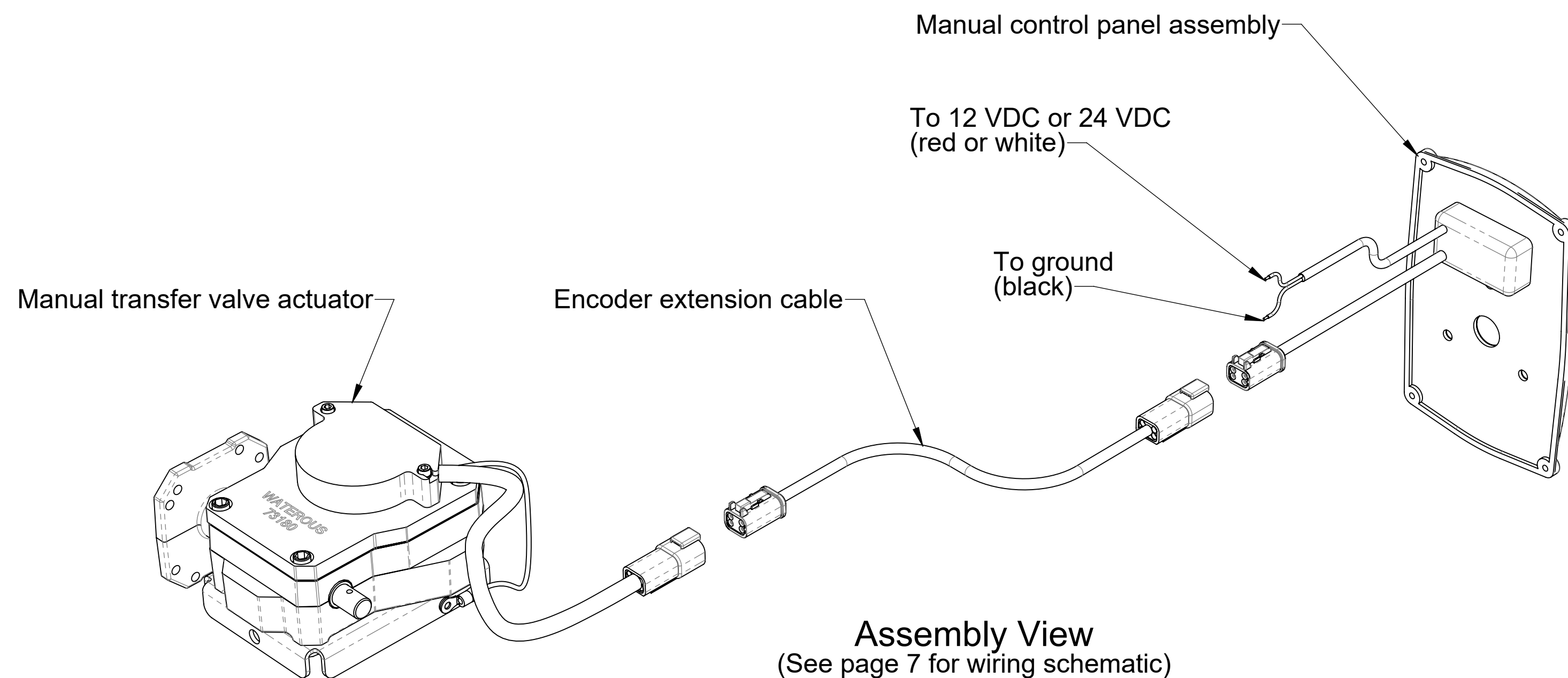


Panel Hole Layout

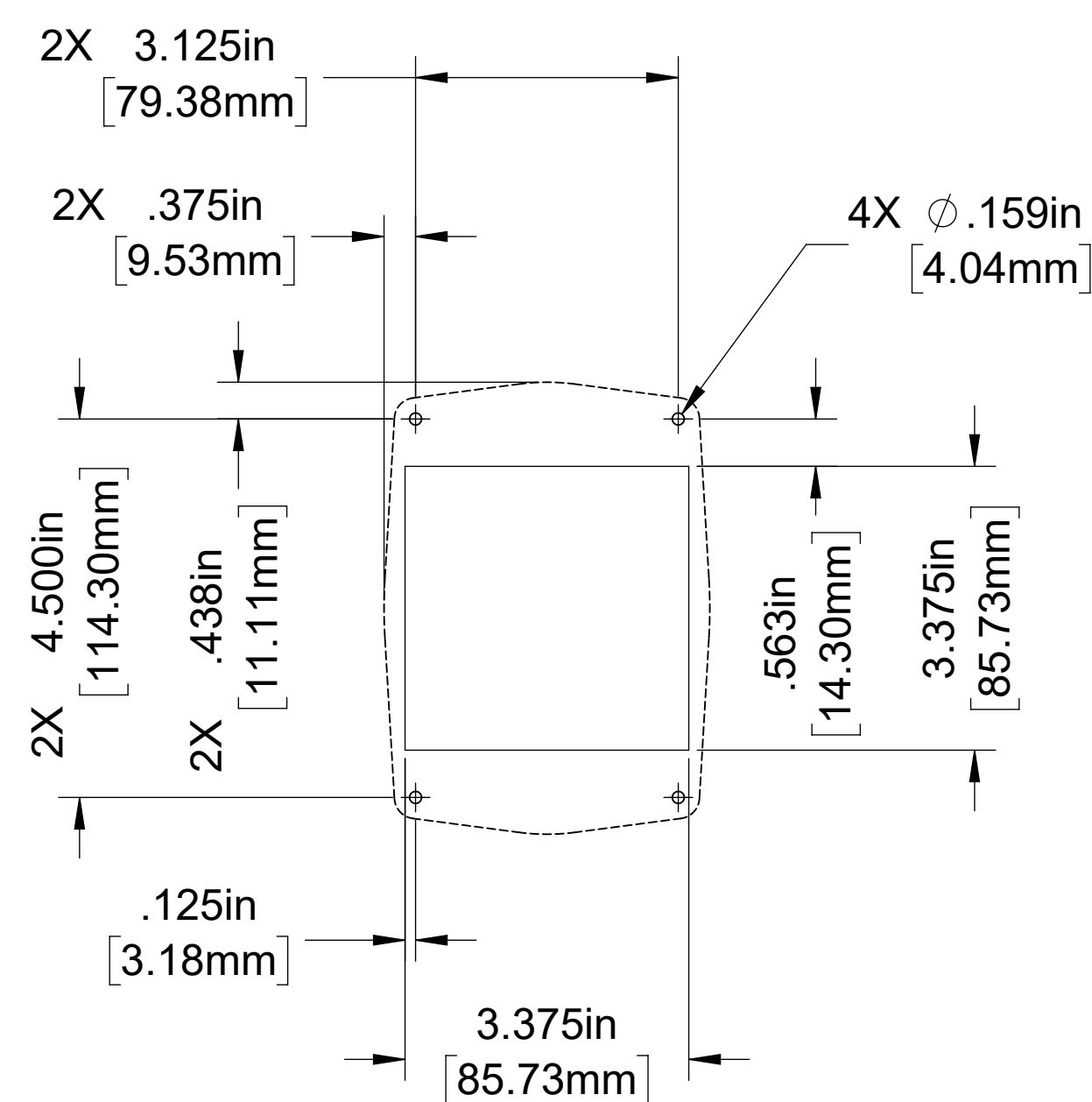


13 turns from pressure to volume

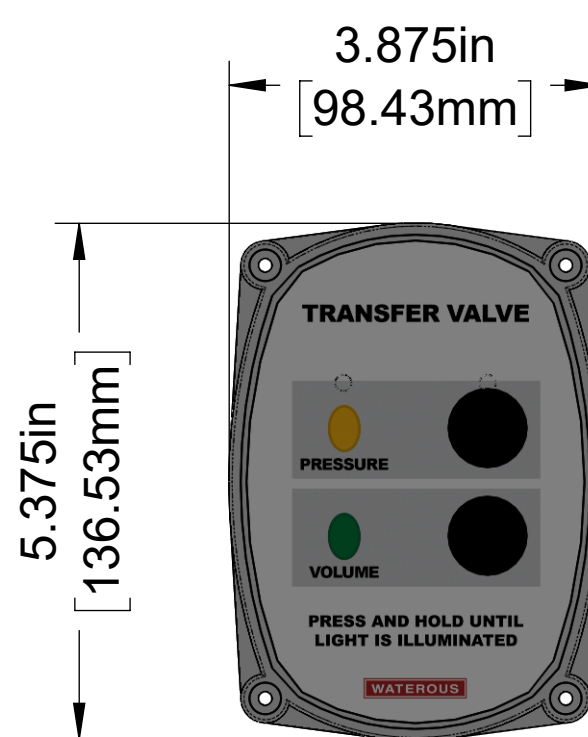
Panel Connection



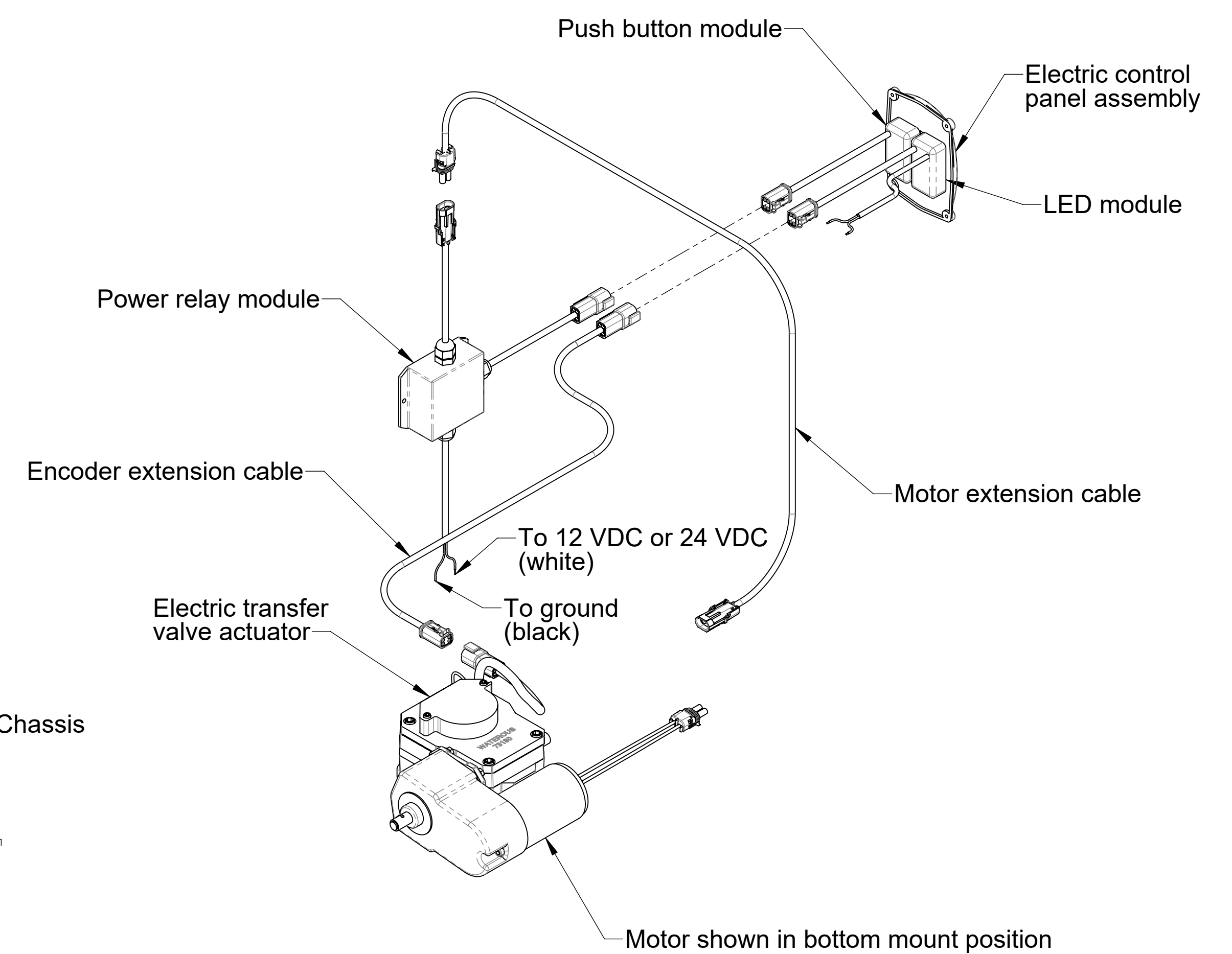
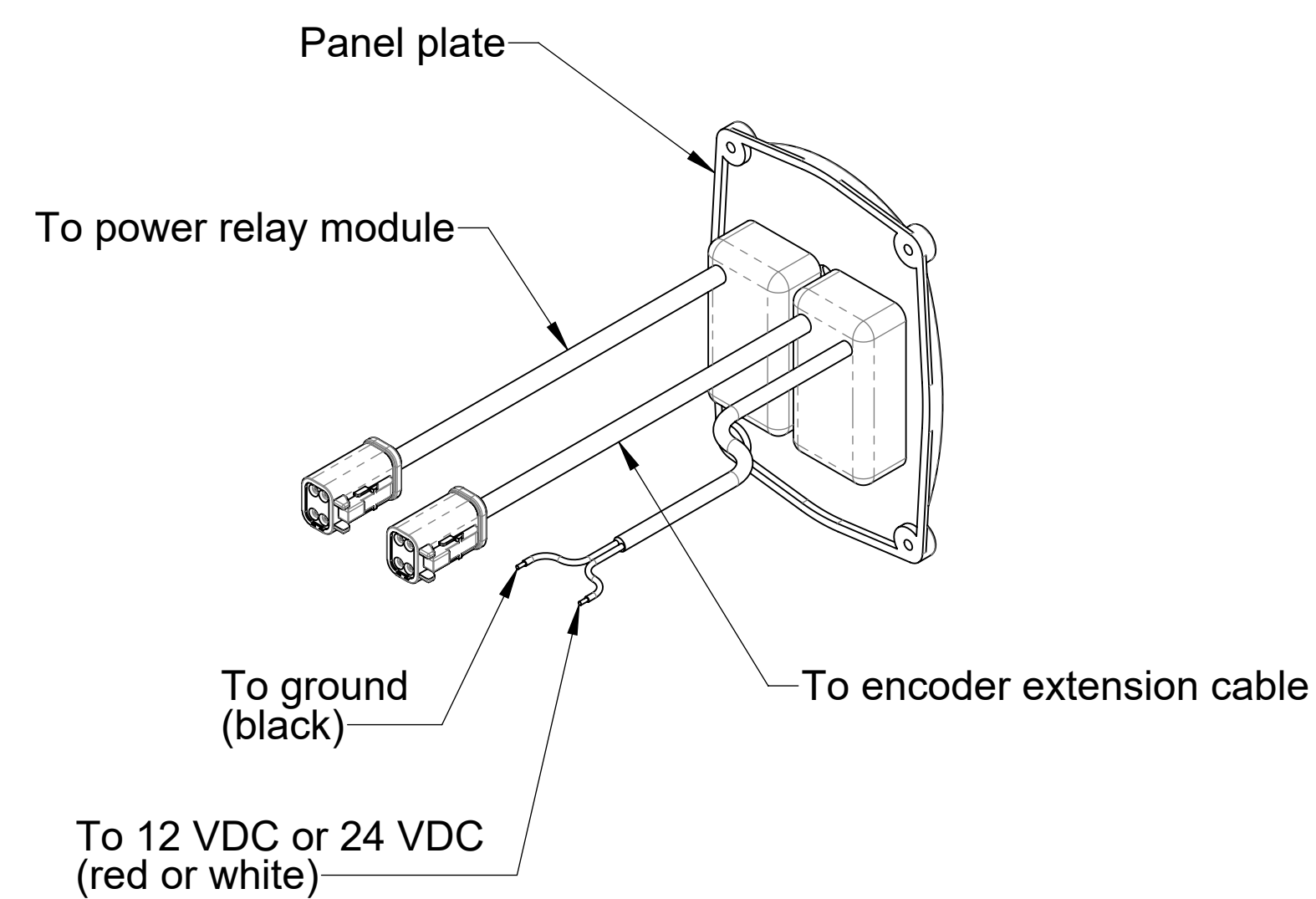
Top Mounted-Manual



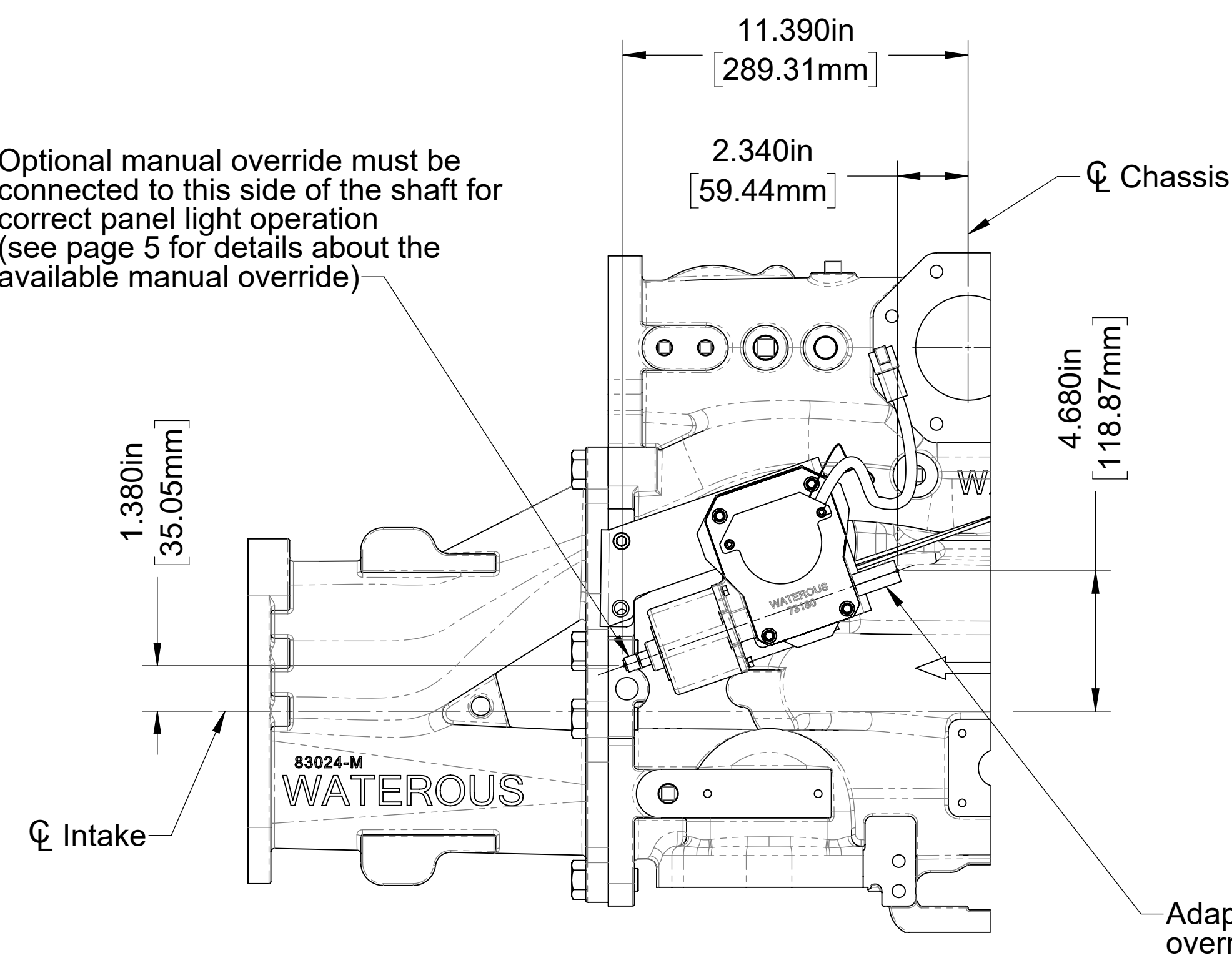
Panel Hole Layout



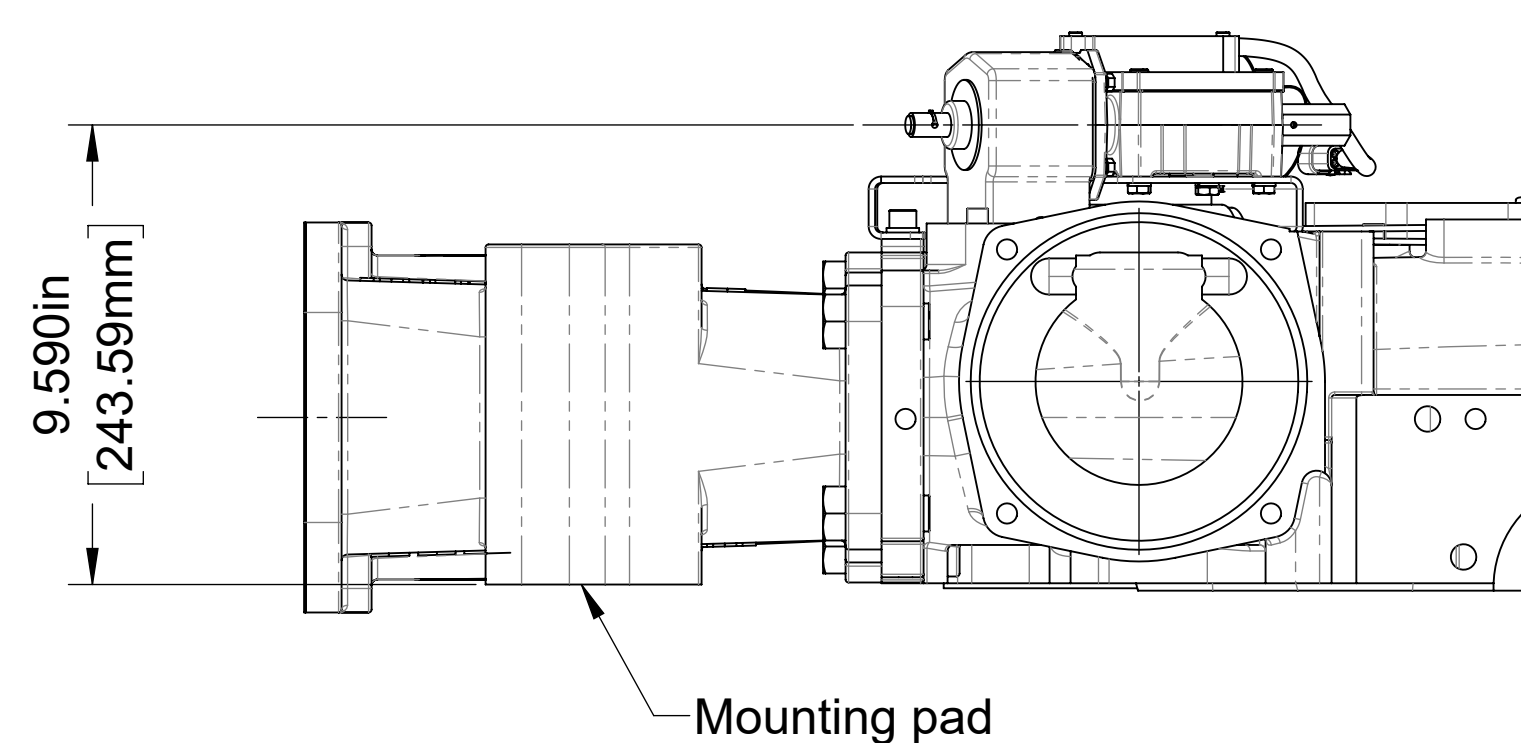
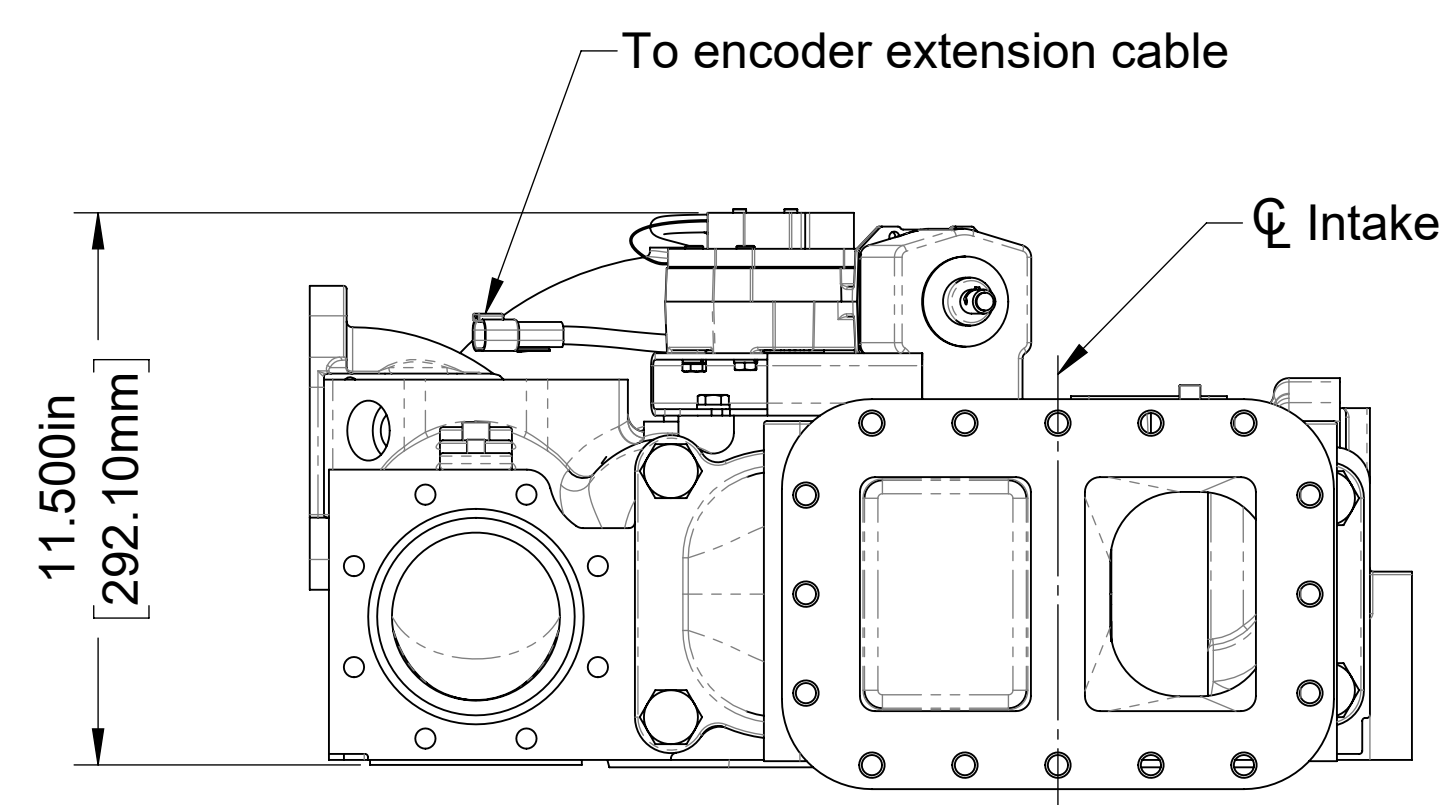
Panel Connection



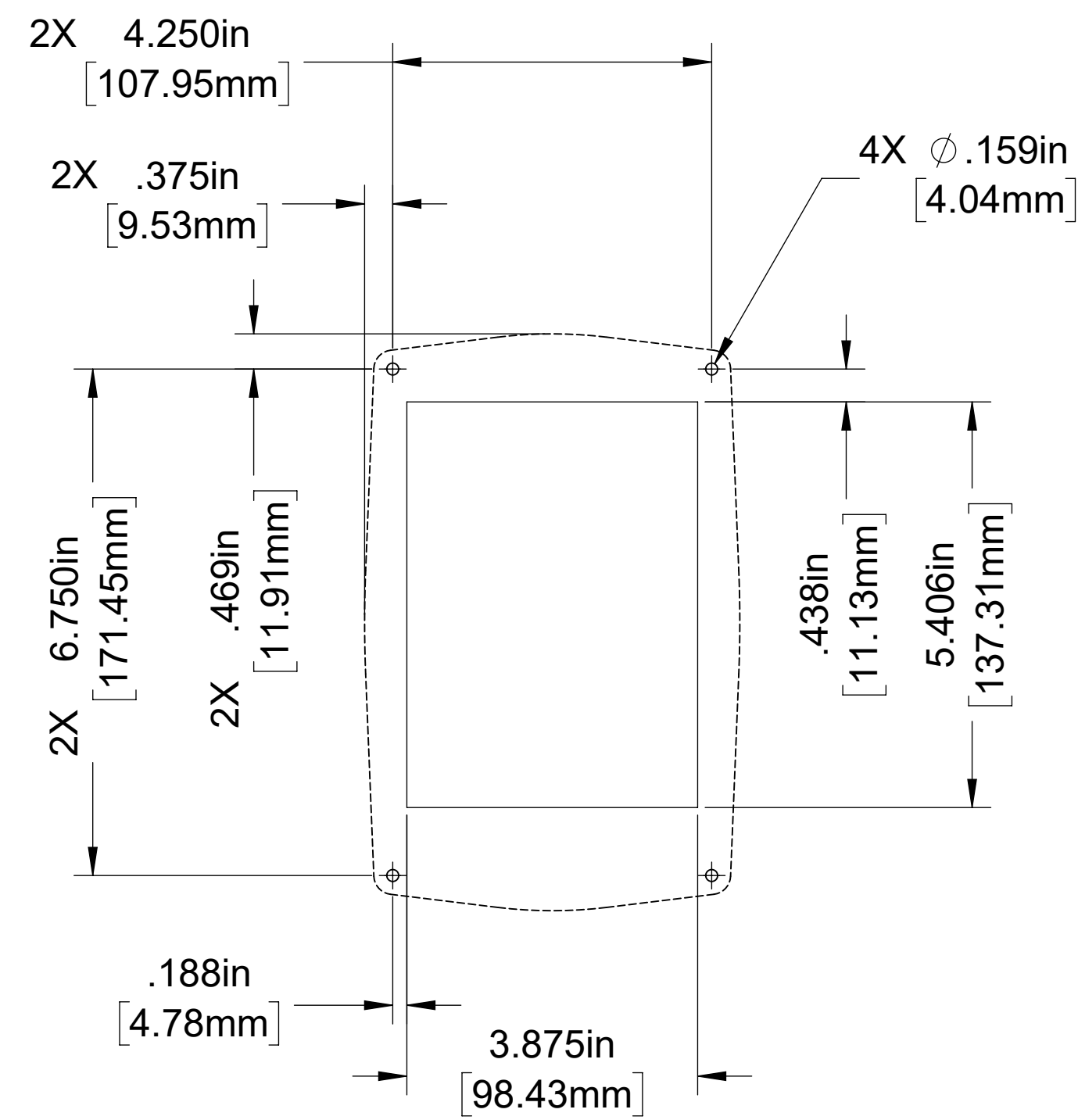
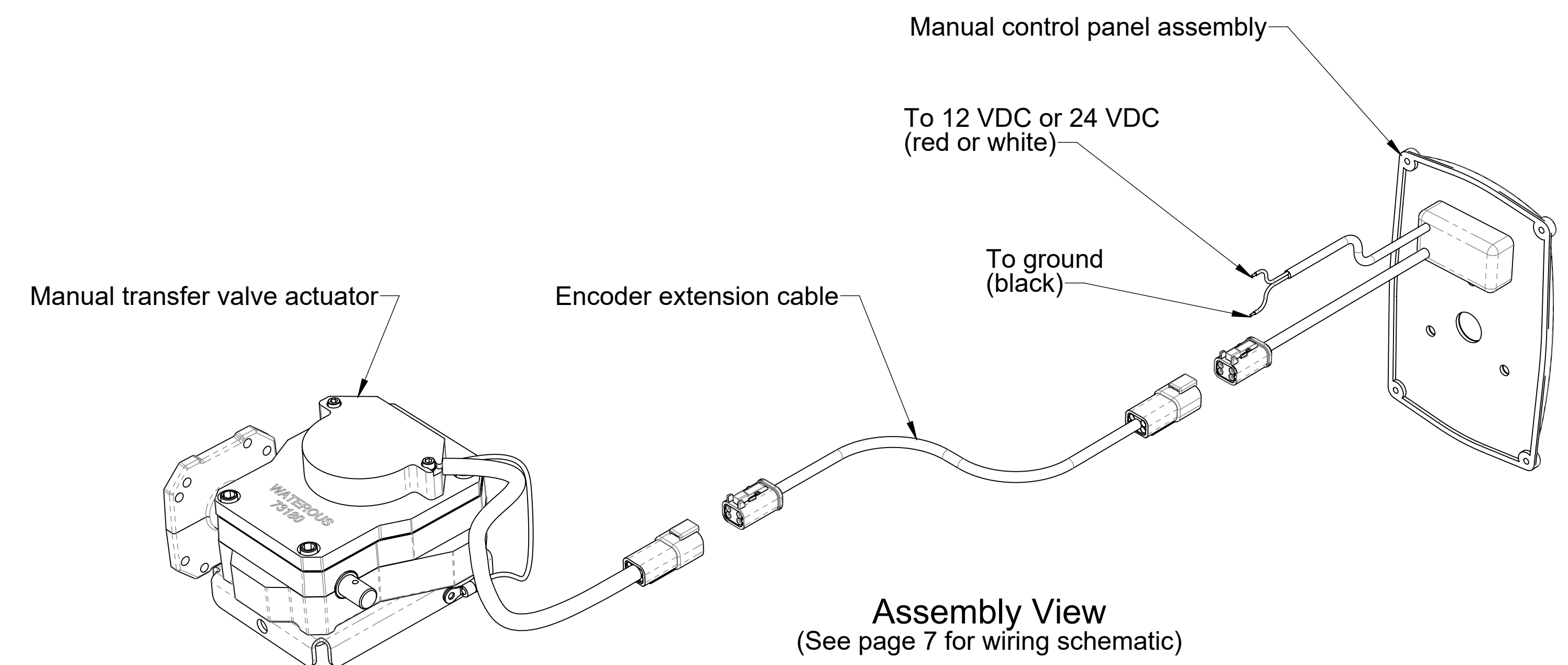
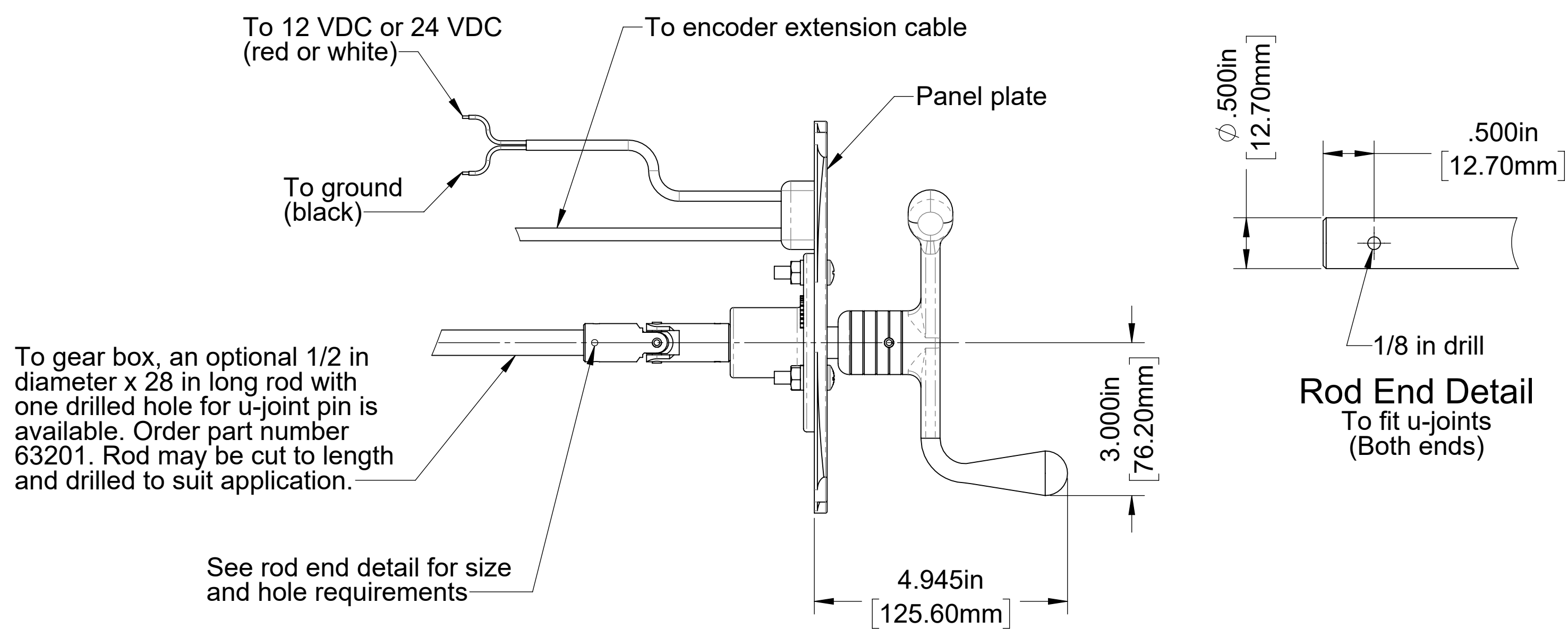
Assembly View
(See page 8 for wiring schematic)



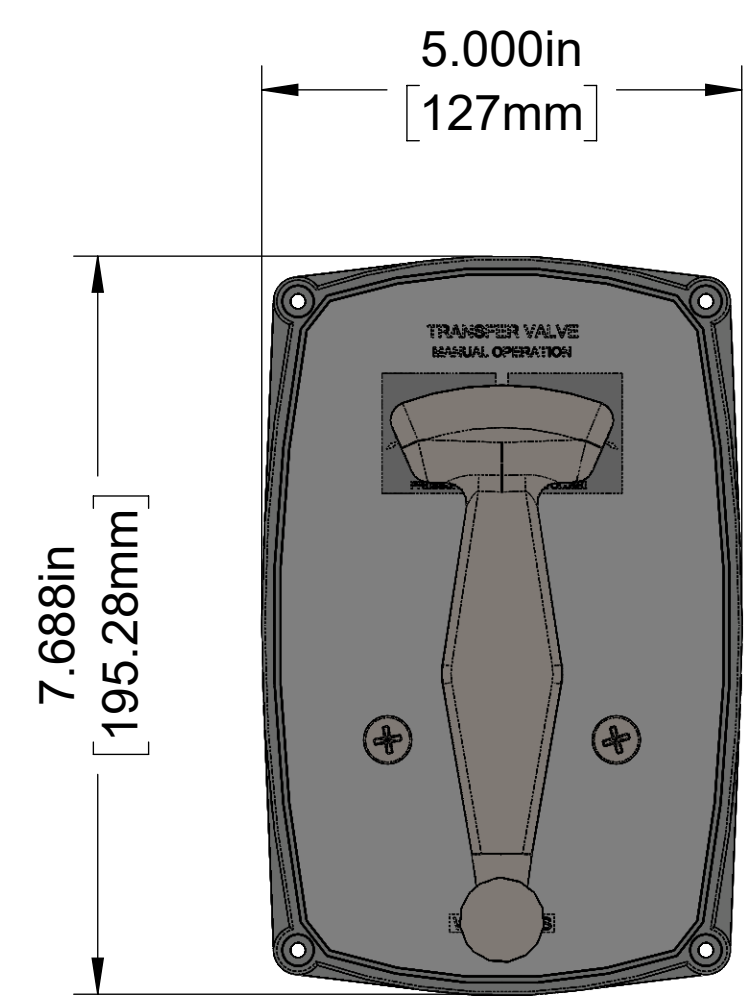
Adapter nut is furnished in assemblies without manual override, can be attached to either side of gearbox



Top Mounted-Electric

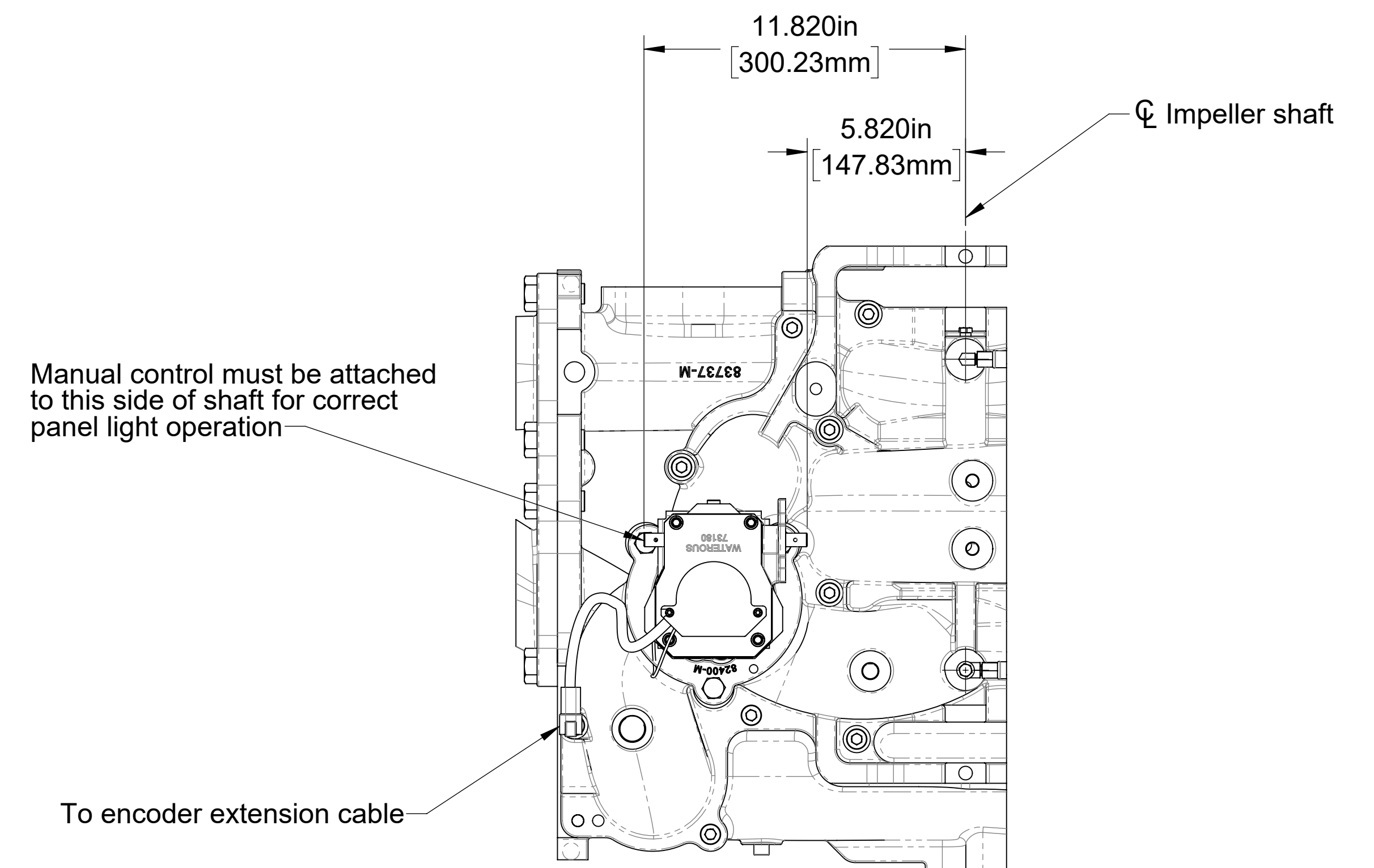


Panel Hole Layout

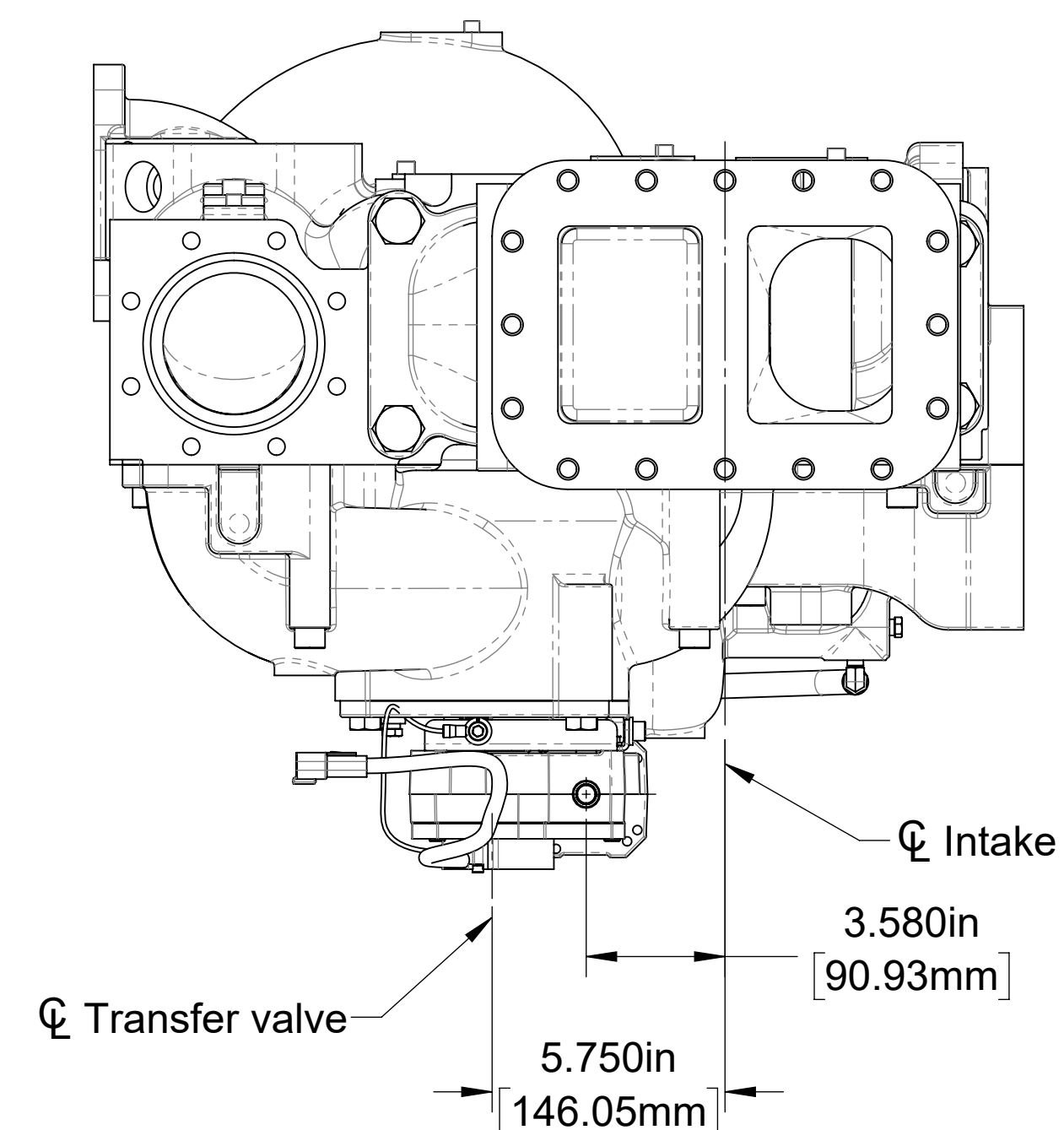


13 turns from pressure to volume

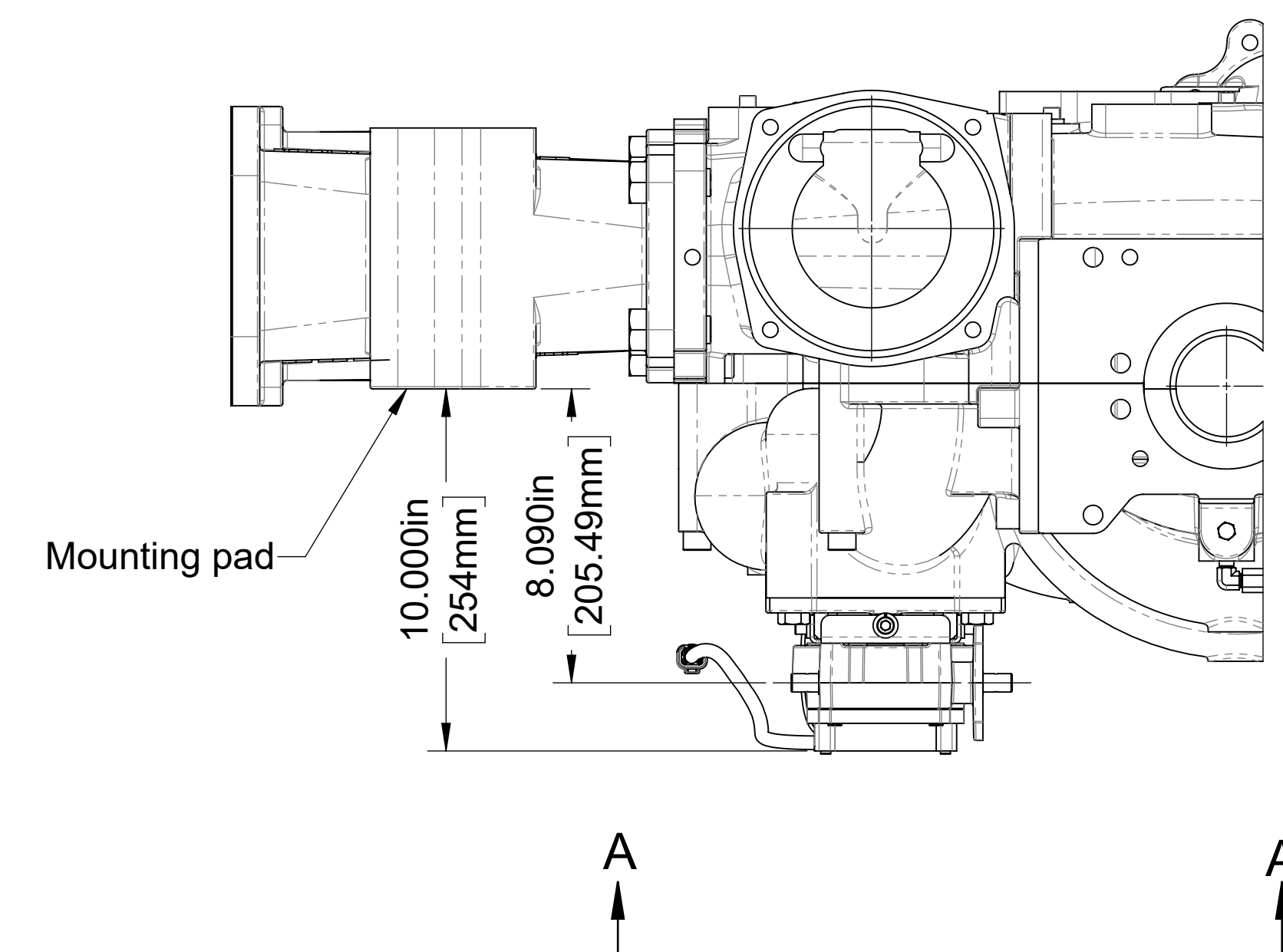
Panel Connection



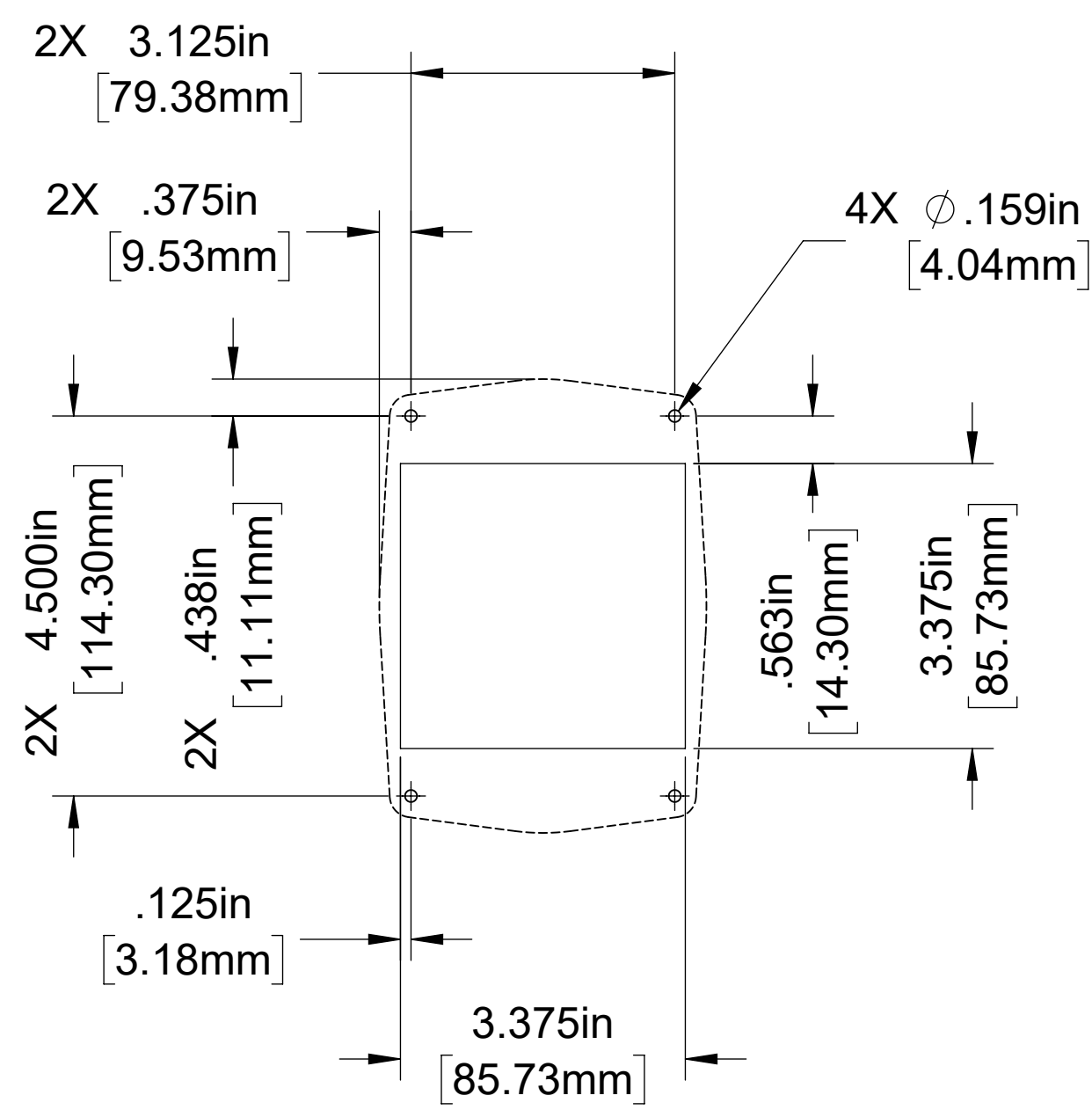
VIEW A-A



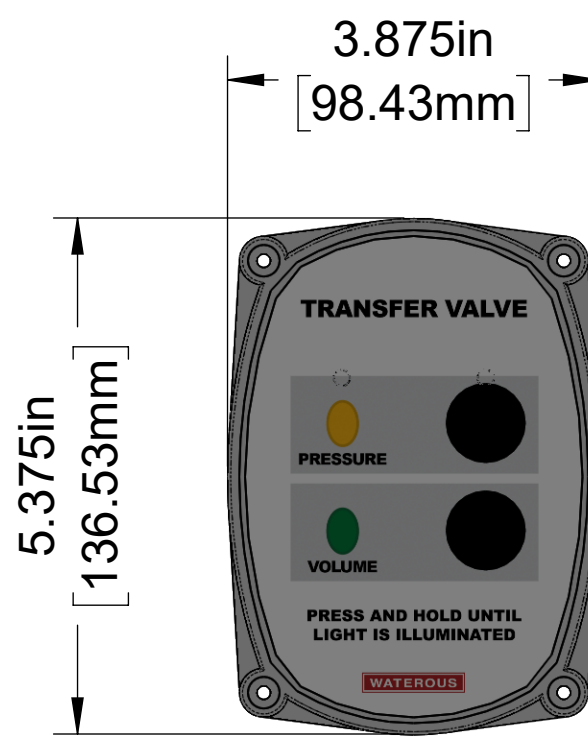
Bottom Mounted-Manual



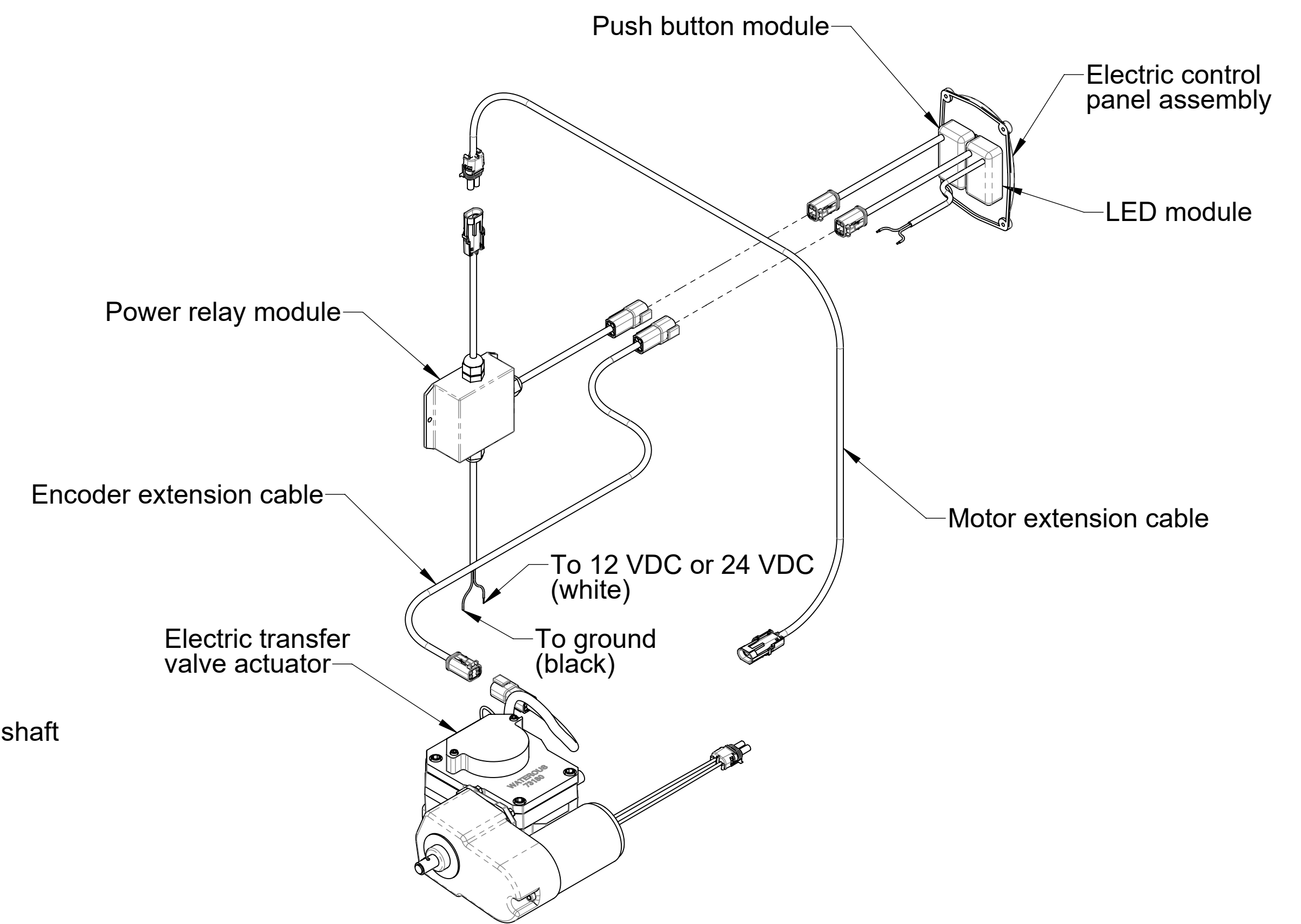
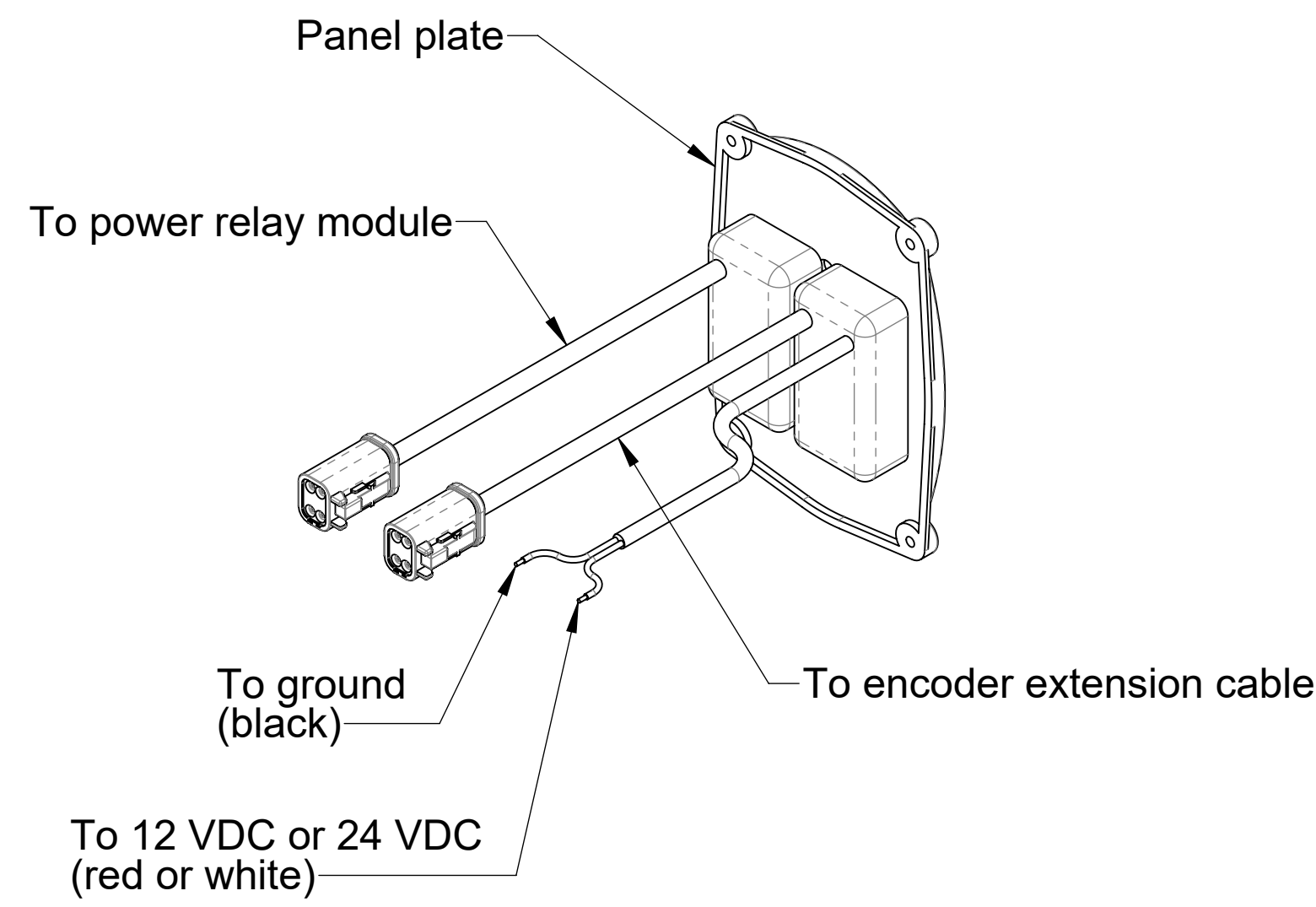
Note:
1. The bottom mounted manual transfer valve actuator cannot be used on pumps with a PA, C10B, C20B, C22B, YB or YBX transmission with 1810 series end yoke due to actuator interference with driveline.



Panel Hole Layout

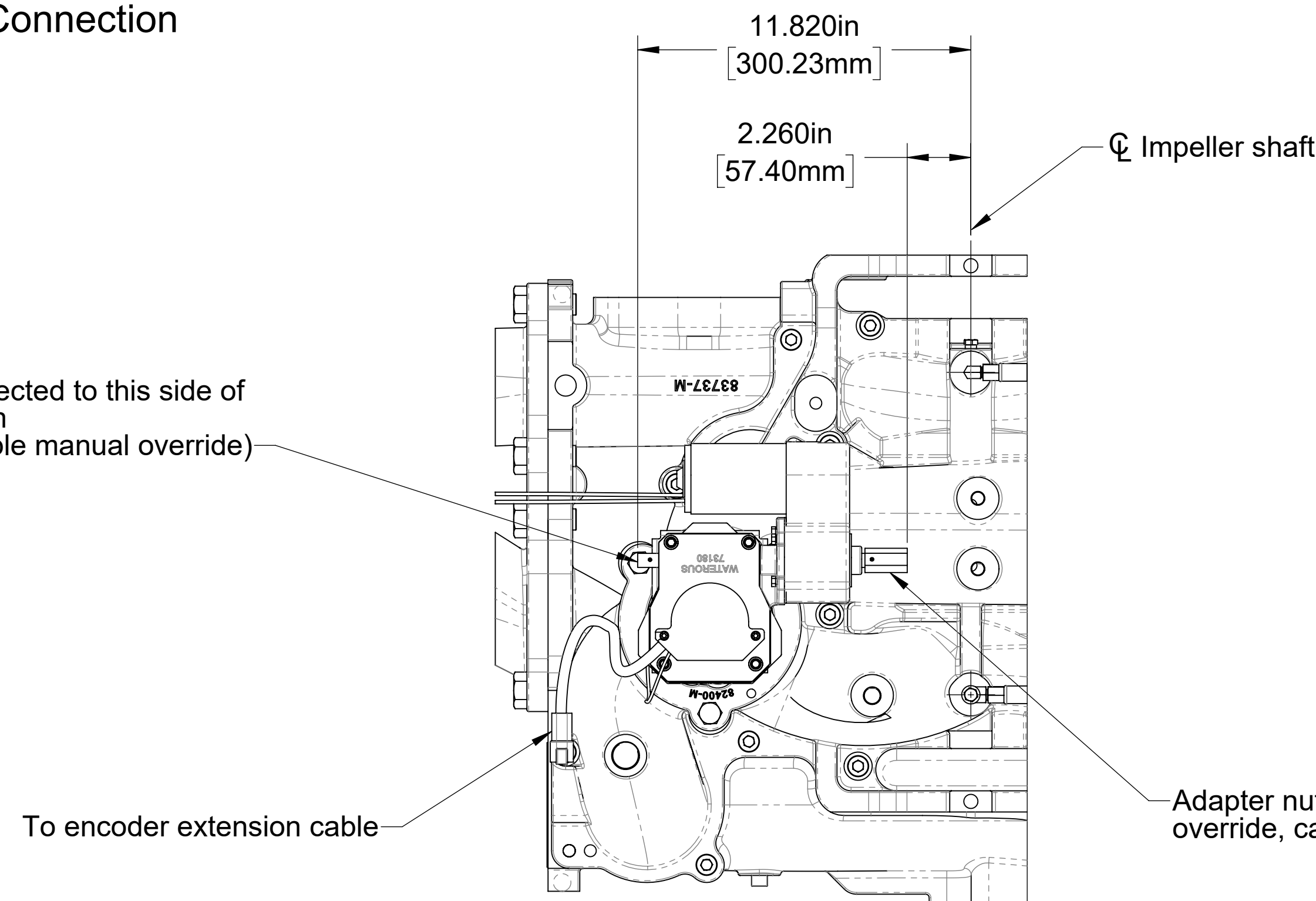


Panel Connection

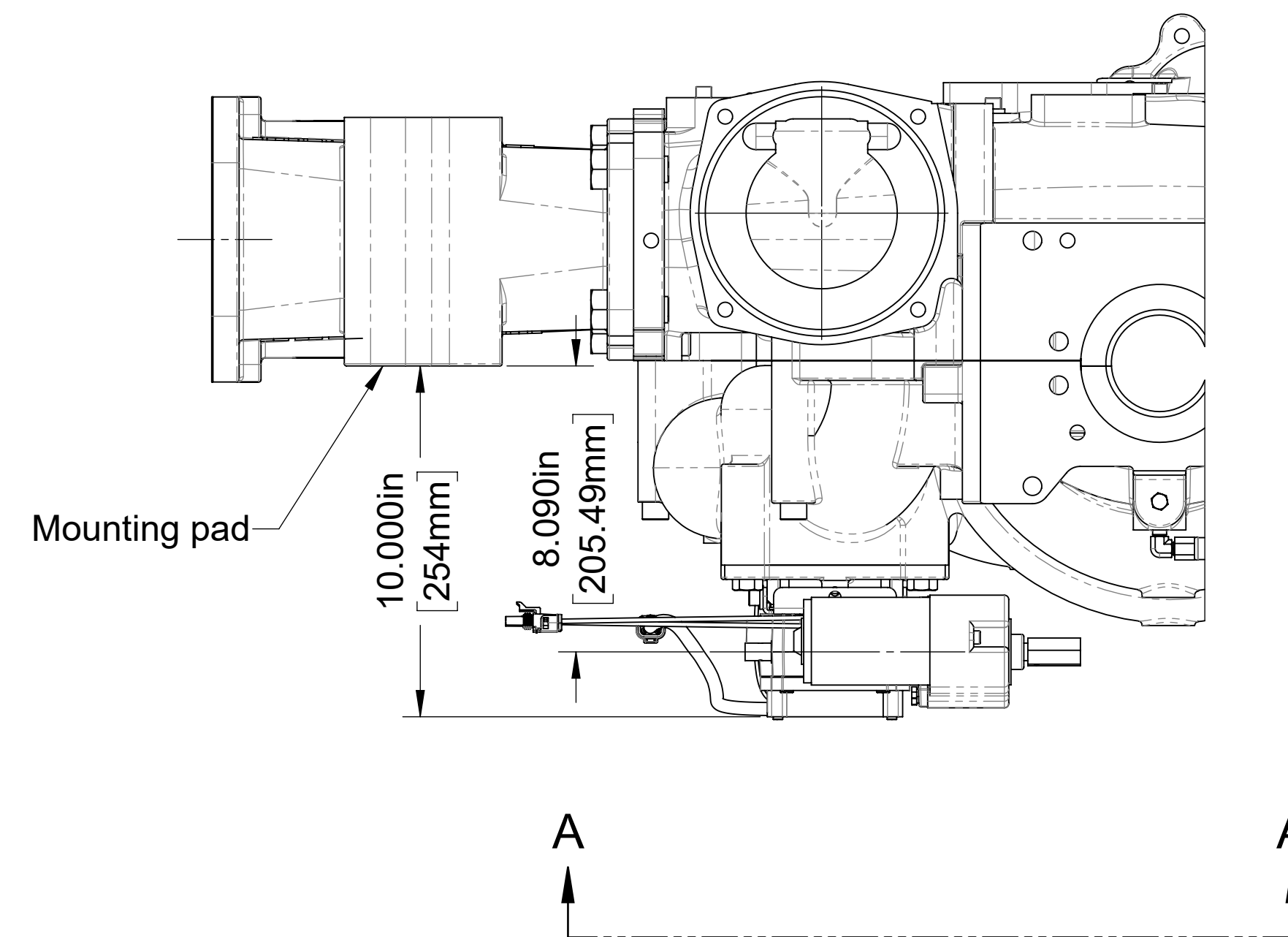
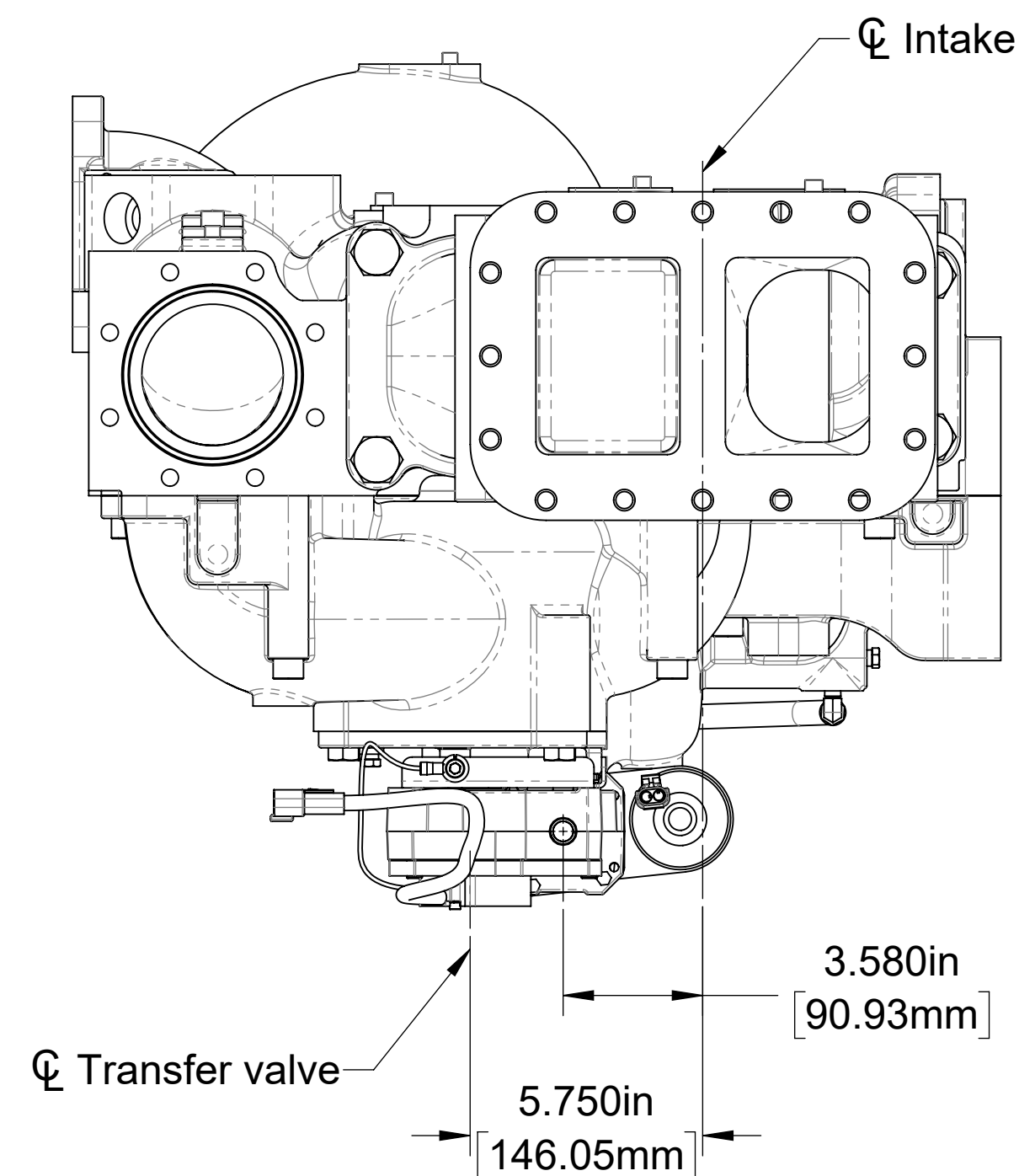


Assembly View
(See page 8 for wiring schematic)

Optional manual override must be connected to this side of the shaft for correct panel light operation (see page 5 for details about the available manual override)

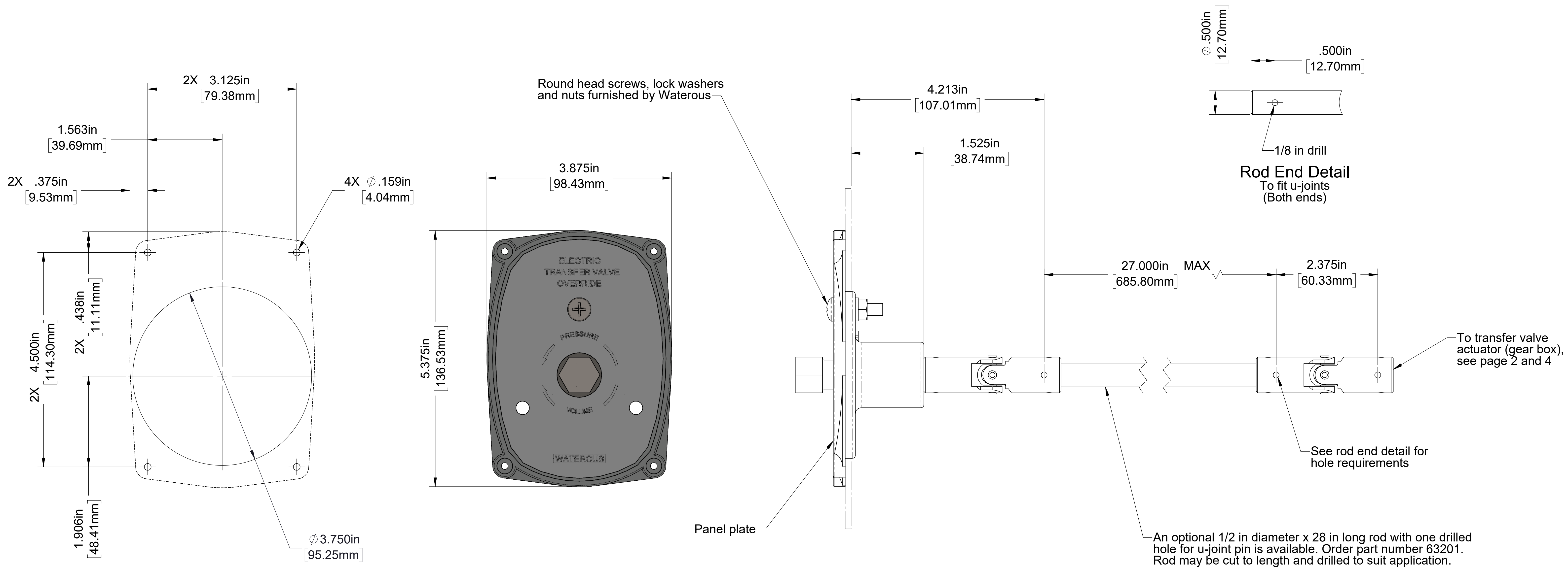


VIEW A-A



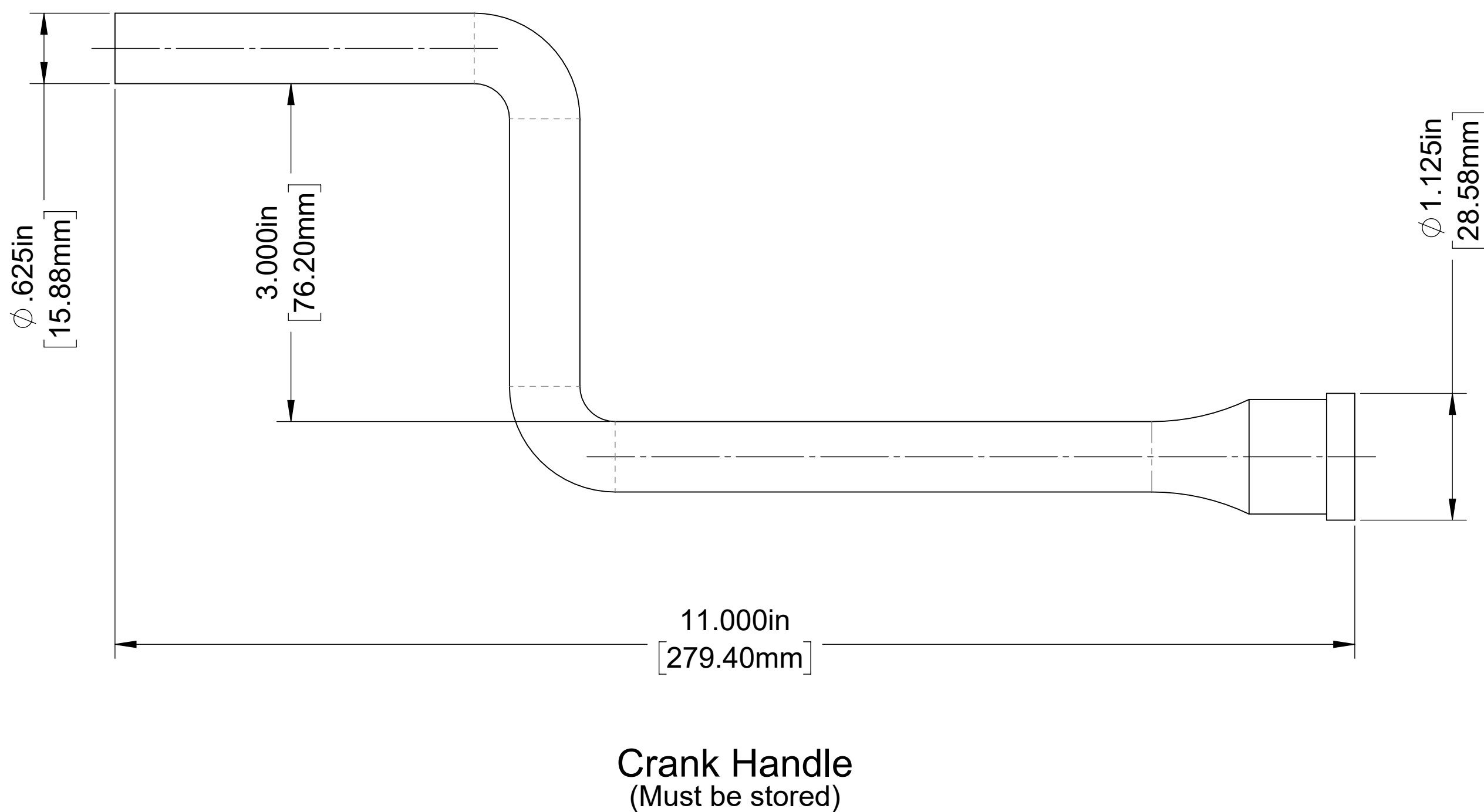
Bottom Mounted-Electric

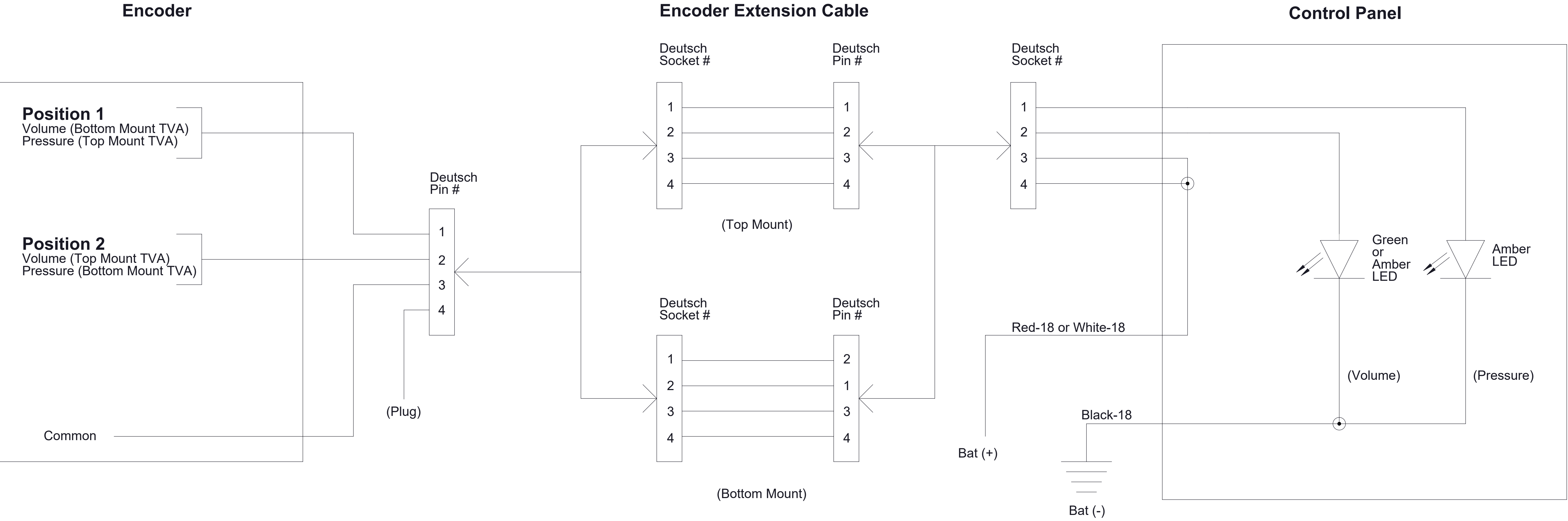
Note:
1. The bottom mounted manual transfer valve actuator cannot be used on pumps with a PA, C10B, C20B, C22B, YB or YBX transmission due to actuator interference with driveline.



Panel Hole Layout

Manual Override Assembly





Manual Actuator Panel Wiring

