

SubDrive UTILITY

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NEMA 3R ENCLOSURE



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Franklin Electric's SubDrive Utility™ Variable Frequency Drive converts conventional 2-wire submersible pumping systems, ranging from 1/3 hp up to 1-1/2 hp, along with 115 V and 230 V single-phase 2-wire submersible PSC, above-ground booster, and jet pumps up to 2 hp, into constant water pressure systems. Designed with a compact footprint, it features a sleek NEMA 3R enclosure rated for both indoor and outdoor use, and retrofits to most pumping systems utilizing a Franklin Electric motor. Separate of the pump and motor, the drive makes troubleshooting and maintenance of the pumping system significantly easier compared to all-in-one units.

FEATURES

- One unit is compatible with 115 and 230 volt single-phase 2-wire motors with maximum current ratings ranging from 4.6 A to 13.1 A
- Compatible with Franklin Electric submersible 2-wire motors, submersible permanent split capacitor (PSC), above ground booster pumps, and jet pumps*
- Provides constant pressure and motor/pump protection in a small and robust package
- User-defined underload protection, and several pressure control adjustments, to fit a wide range of pumping applications
- Robust SubDrive pressure sensor standard for ease of installation
- Additional input for optional analog pressure transducer for precise pressure control
- No programming required with easy DIP switch setup
- Three LED indicators allow for easy identification of system status and troubleshooting
- USB port allows for easy firmware updates
- UL and cUL listed

*Software version 1.3.1 or later is required for use with submersible PSC, above ground booster, and jet pump applications.



ORDERING INFORMATION

		Submersible Applications					
Drive Model	Order No.	115 V 2-Wire		230 V 2-Wire			
		1/3 HP	1/2 HP	1/2 HP	3/4 HP	1 HP	1.5 HP
SubDrive Utility UT2W	5870202003	✓	✓	✓	✓	✓	✓
SubDrive Utility UT2W - w/ Analog Pressure Transducer	5870202003XD	✓	✓	✓	✓	✓	✓

NOTE: Not equipped with FE Connect mobile app

		Submersible PSC and Surface Applications															
Drive Model	Order No.	115 V 2-Wire or 230 V 2-Wire Motor Overload Protection Ratings															
		4.6 A	4.7 A	5.0 A	6.0 A	6.2 A	6.4 A	8.1 A	8.4 A	9.1 A	9.5 A	9.8 A	10.0 A	10.4 A	11.0 A	12.0 A	13.1 A
SubDrive Utility UT2W	5870202003	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SubDrive Utility UT2W - w/ Analog Pressure Transducer	5870202003XD	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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