



SubDrive CONNECTPLUS



Unparalleled in ease-of-use, Franklin Electric's SubDrive Connect Plus™ Variable Frequency Drive (VFD) is engineered to provide full-featured constant pressure solutions for water pumping systems in an array of submersible and above ground applications performing with three-phase motors up to 30 horsepower (HP).

Its state-of-the-art technology supports quick setup and connectivity for monitoring and troubleshooting to solve the pumping challenges of commercial, agricultural, and irrigation water system installations.

Applications

- Landscape irrigation systems
- Agriculture and livestock
- Dewatering
- Pressure boosting systems
- Community well
- Deep Residential



FEATURES & BENEFITS

- Eliminate Complexity:** Easy-to-install platform helps you save time during installation and servicing using an array of setup, monitoring, and troubleshooting solutions:
 - LCD graphic display for comprehensive system status
 - Single-level menu and DIP switches for basic drive configuration
 - Bluetooth connectivity and smartphone app for monitoring, assisted setup and troubleshooting
- Optimized & Trusted For Water Systems:** Designed by a pump manufacturer specifically for constant pressure water pumping applications, including distinct features:
 - Soft-start and pump protection to maximize system life
 - Pipe fill mode to reduce water hammer
 - Customizable underload sensitivity and off time
 - Dual set point and adjustable drawdown for exact pressure control
 - Built-in lead/lag and alternation capacity for up to 8 drives
 - Run/stop and hand/auto control
 - Broken pipe detection
 - Moisture sensor input
 - Run and fault relays
- Phase Conversion Versatility:** Allows for single-phase or 3-phase input in 230 V models.
- Multiple Applications:** Ideal for new construction and retrofitting, optimizing submersible and surface systems up to 30 HP.

FE CONNECT SubDrive Connect Plus App



Smart monitoring, setup and troubleshooting using Bluetooth connectivity

- Smaller Footprint, All-inclusive Solution:** Self-contained NEMA 3R rated drive is compact and ideal for indoor and outdoor installations.
- Cost Effective:** Provides a cost-effective solution when compared to high-horsepower systems that use starters or VFD panel packages.
- Fully Supported:** Comes fully supported by the industry's leading Technical Support professionals and Field Service Engineers.

ORDERING INFORMATION

SubDrive Connect Plus - Variable Frequency Drive (VFD)										
Rated Voltage	1-Phase Input		3-Phase Input		Dimensions (In)				Model No. / Order No.	
	Rated Output (HP)	Rated Output (Amps)	Rated Output (HP)	Rated Output (Amps)	Frame Size	A	B	C	Submersible Applications	Surface Applications
230	3	11	7.5	28	2	10.7	27.2	9.4	SDCP-SUB0723	SDCP-CEN0723
	5	18	10	37					SDCP-SUB1023	SDCP-CEN1023
	7.5	27	15	48	3	13.8	34.3	9.9	SDCP-SUB1523	SDCP-CEN1523
460	-	-	10	18	2	10.7	27.2	9.4	SDCP-SUB1043	SDCP-CEN1043
	-	-	15	26					SDCP-SUB1543	SDCP-CEN1543
	-	-	20	31					SDCP-SUB2043	SDCP-CEN2043
	-	-	25	39	3	13.8	34.3	9.9	SDCP-SUB2543	SDCP-CEN2543
	-	-	30	46					SDCP-SUB3043	SDCP-CEN3043

*All Submersible models include DV/DT filter.

