

August 2024

PT100 Sensor Re-Design – for Franklin Electric Submersible Motors

Franklin Electric is pleased to announce the release of the redesigned PT100 temperature sensor for use with 6" to 12" submersible motors.

The new PT100 temperature sensor is equipped with a 4-wire shielded supply cable, available in various lengths, adding additional protection against high frequency disturbances which can occur in applications with variable frequency drives.

The enclosed adaptor screw only needed for installation in 6" and 8" encapsulated standard and permanent magnet motors is now separated from the PT100 sensor allowing for an easy, quick and secure installation.

Encapsulated standard and PM motors:		
Motor size	PT100 Kit	Cable length [m]
6"	305 327 951	10
	305 327 952	20
	305 327 953	30
	305 327 954	50
8"	305 326 951	10
	305 326 952	20
	305 326 953	30
	305 326 954	50

PT100 Kit parts description		
Sensor	Adapter screw 6" [½ - 13 UNC]	Adapter screw 8" [5/8 - 11 UNC]
		

New kit part numbers for 6" – 12" rewindable motors will be released soon.

Features of the new design:

- easy, quick and secure installation
- a shielded cable (can be installed close to the motor cable)
- quick and easy to replace

PT100 sensor retrofit kits from Franklin Electric come with complete instructions and allow for easy field installation.

Do not hesitate to contact your Franklin Electric contact person directly if you have any questions.

Product management