



# Data Sheet

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## WATEROUS FIRE PUMP OVERHEAT PROTECTION MANAGER (OPM)

**DESCRIPTION: THE OVERHEAT PROTECTION MANAGER ACTS AS A SAFETY DEVICE BY RELEASING HOT WATER TO THE GROUND OR BACK TO THE WATER TANK FROM THE DISCHARGE AREA OF THE PUMP. IF WATER TEMPERATURE CONTINUES TO RISE, A WARNING LIGHT ON THE PUMP PANEL WILL WARN THE PUMP OPERATOR. AN OPTIONAL AUDIBLE ALARM IS AVAILABLE AND WILL SOUND WHEN WATER TEMPERATURE CONTINUES TO RISE.**

Voltage	For use on Pump Models	Panel Language	Part Numbers		Dimensional Drawing
			OPM Assembly	Optional Audible Alarm	
12 or 24 Volt	CM, CMU CMCGV, CMUCGV CS, CSU	English	83865-1A	83865-2B	DPL82517
		Chinese	83865-1C		
	All other Pump Models	English	83865-1B		
		Chinese	83865-1D		

The OPM consists of the valve, which has an opening temperature of 140°F, and a warning light triggered by a thermal switch that has an operating temperature of 180°F. The warning light acts as an additional protection device along with optional audible alarm, if the temperature inside the pump keeps rising although the valve is open.

**Mounting:** On CM and CS series models, the OPM valve and switch are both mounted on the two 1/2" tapped holes located near the center discharge area of the pump. On other models, the valve and switch are furnished mounted on a flange which the OEM must mount as close as possible to the pump discharge.

**Order as Follows:**

- Panel Language: English or Chinese
- Optional Audible Alarm: With or Without

Note that OPM is compatible for 12 or 24 volt systems.