

Vanguard Photodiode with Shielded Cable (1855519) Installation Instructions

Materials provided (1 each required for each Vanguard system)

- 1855519 Photodiode with shielded cable and ring lug preinstalled on drain wire.

INSTRUCTIONS

1. **FOR PHD REPLACEMENT ONLY:** Remove the old Photodiode and cable. Unplug the photodiode connector plug inside the Vanguard enclosure at PCB2 connector P6. Save the green connector plug to reuse later.
2. Mount the new photodiode and route its cable into the Vanguard enclosure.
3. Loop any excess photodiode cable inside the Vanguard enclosure, rather than outside.
4. Locate the green connector plug and connect the photodiode white and black wires as shown in the photo below. Tighten the connector plug screws.
5. Plug the connector plug into PCB2 connector P6. Make sure that the white wire is on the left and black wire is on the right as shown.
6. Connect the ring lug preinstalled on the cable drain wire to the PCB mounting screw on the lower right of the PCB as shown in the photo below. Orient the drain wire in the direction shown and tighten the Philips head screw.

