

LPS-KC

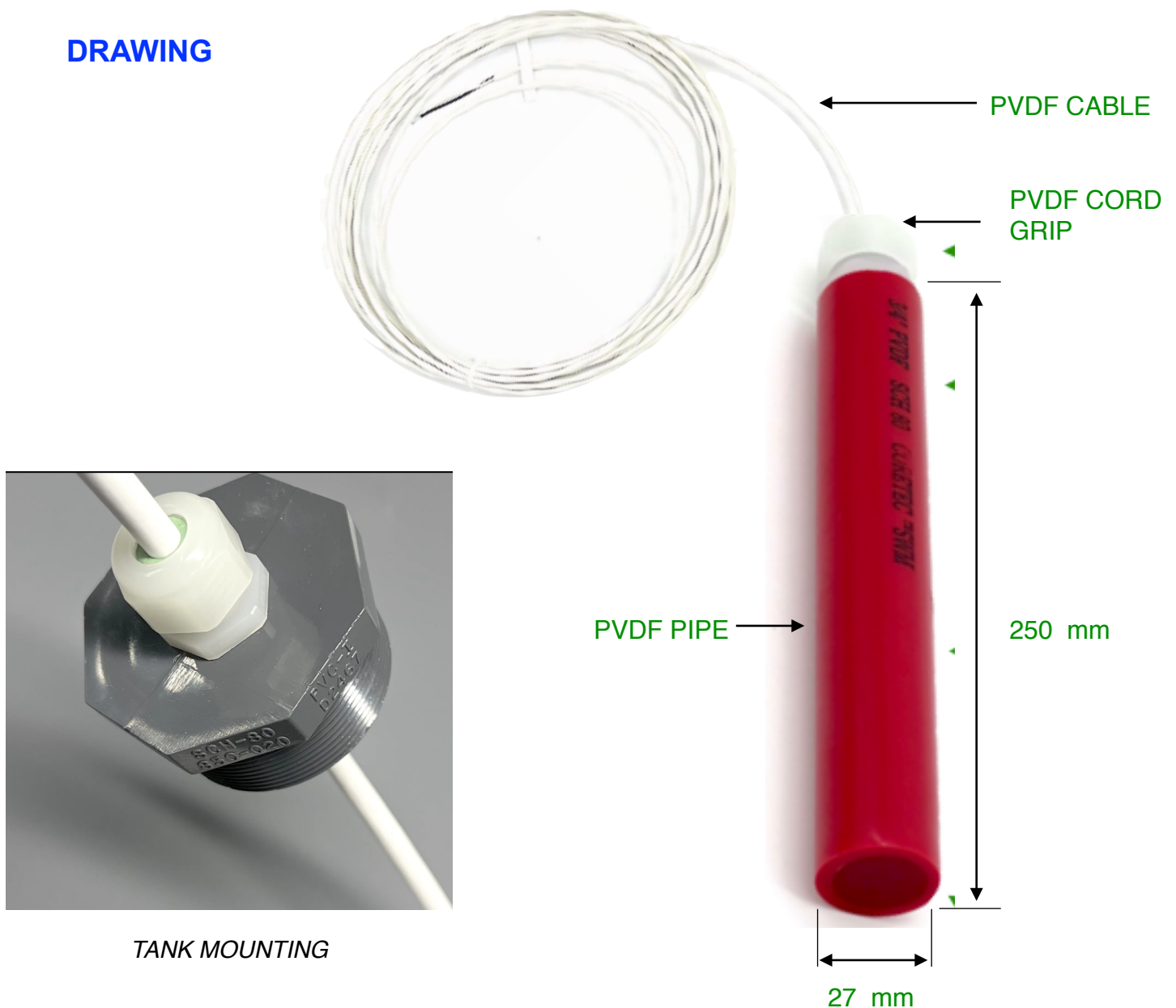
OVERALL

This product is a level probe that is designed to be suspended in a tank in order to detect liquid level. The probe is weighted. It is suitable for tanks where there is little agitation or liquid circulation.

INSTALLATION

The probe is deployed into a tank through an opening in the top of the tank. The cable is secured through a (provided) cord grip mounted at the top of the tank with a standard threaded mount. It is designed to be oriented vertically in the tank, so it should be off the bottom when installed .

DRAWING



LPS-KC

SPECIFICATIONS

Cable

Manufacturer	TE Connectivity
Manufacturer PN:	44AM1141-22-MST4-9CS2275
Conductors	4/22AWG, tinned copper
Jacket Insulation	3.73 mm
Operating temperature	150°F

Pipe

Material	PVDF (red color)
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Sensor

Capacitance	20 mm
Output	NPN either N.O or N.C.

Cord grip

PVDF, ½" NPT

Process Sealing

Proprietary epoxy resin (top ends of pipe)
PVDF Plastic fusion process

Weighting

Weighting Material	50-80 mesh size, steel grit
Weight of assembled unit	300 g