

Installation Guide

Double Throw Hook Up (SPDT)



Black is common

Red is Normally Open (Pump Down)

White is Normally Closed (Pump Up)

Double Pole Hook Up (DPST)



Pole 1

Black and White

Pole 1

Green and Red

Typical Normally Open Application

(PUMP DOWN)

1. Attach cord, using a cable tie, to any convenient rigid surface as illustrated. This is known as the tether point. Do not tighten until both turn-on and turn-off levels are established. (See Fig. 1)

2. To adjust greater distance between turn-on and turn-off, increase cord length between tether point and float. For less distance between turn-on and turn-off decrease cord length (See Chart Fig. 3)

3. Make sure the float is at least 2 inches above pump base, in the turn-off position, before tightening cable tie at the tether point. Plug piggy-back switch cord (Current Tap) into grounded outlet, then plug into piggy-back switch cord, and check for proper operation.

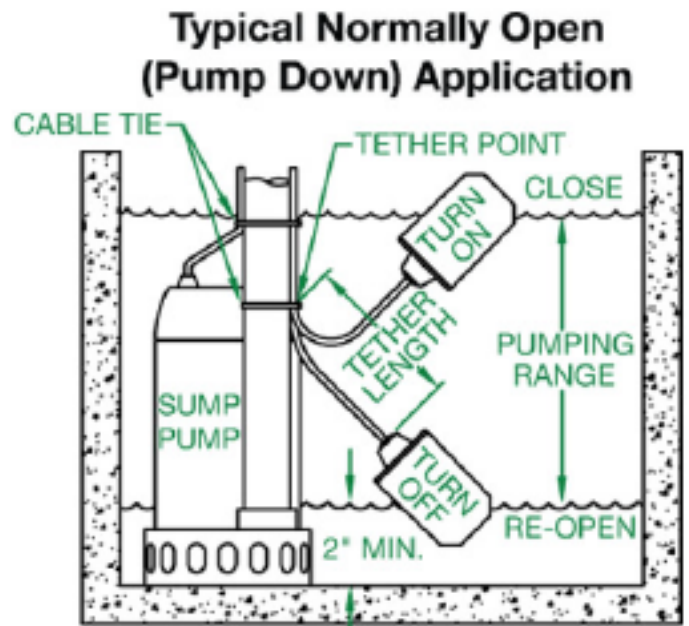


Fig. 1

Typical Normally Closed Application

(PUMP UP)

1. Attach cord, using a cable tie, to any convenient rigid surface as illustrated. This is known as the tether point. Do not tighten until both turn-on and turn-off levels are established. (See Fig. 2)

2. To adjust for greater distance between turn-on and turn-off; Increase cord length between tether point and float. For less distance between turn-on and turn-off, decrease cord length.

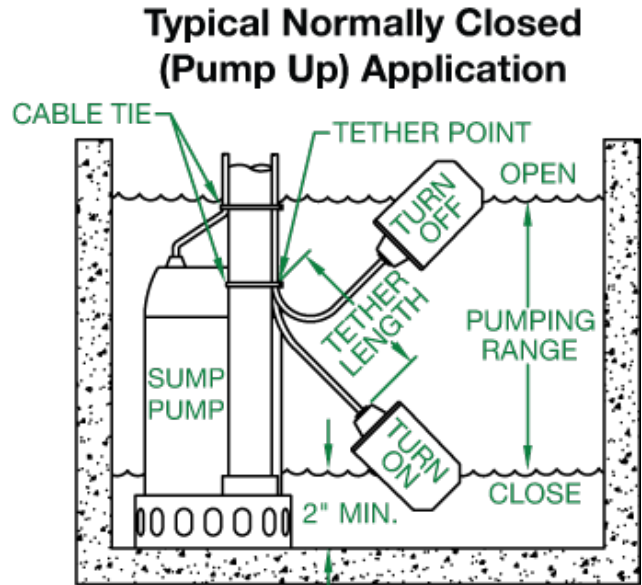


Fig. 2

(See Charts; Fig. 3 & 4)

3. Make sure levels are correct, and that the float moves freely with no obstructions, then tighten cable ties.

NOTES: To prevent motor burnout make sure turn-off level is at least 2 inches minimum or more above the base.

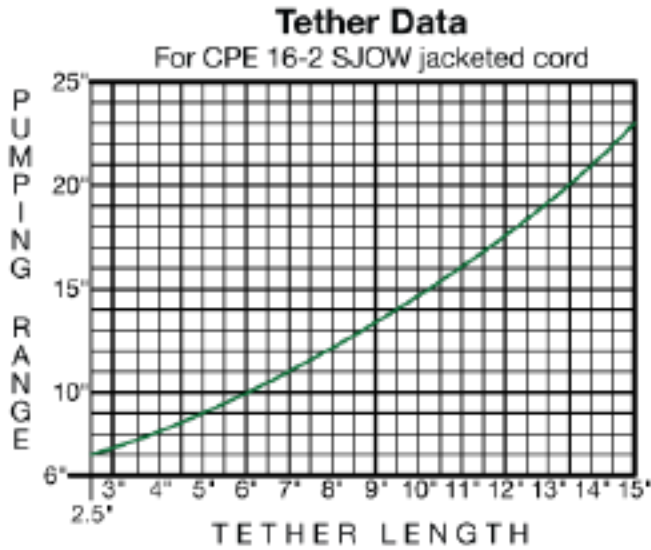


Fig. 3

For CPE Cord
(16-2 SJOW)

Refer to Fig. 1

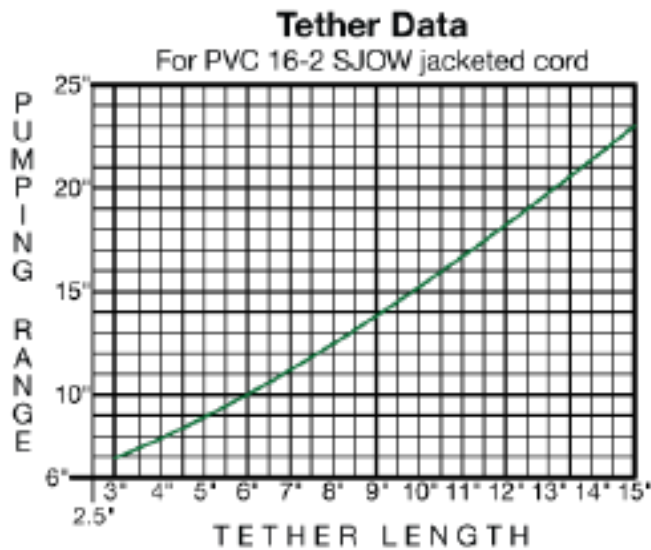
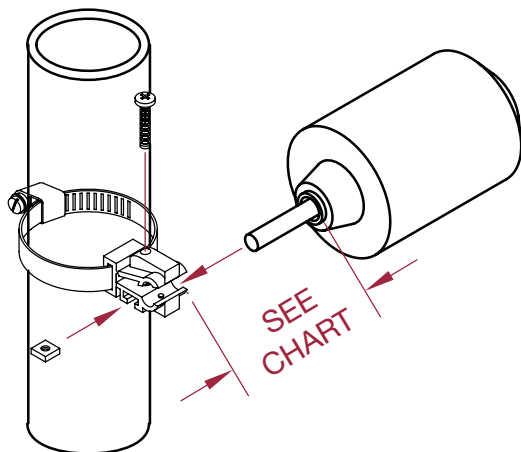


Fig. 4

For PVC Jacketed Cord
(16-2 SJTW)

PVC Jacketed Cord is subject to changes due to temperature. This chart is based on 68 F. when using PVC jacketed wire, established pumping range at room temperature.

MDI Tether Clamp



12-2	7 ½ INCHES
14-3	5 INCHES
14-2, 16-3	4 INCHES
18-2, 18-3, 16-2	3 ½ INCHES
WIRE GAUGE	MINIMUM LENGTH
Based on SJOW cord @ 65 Deg. F. Flexibility of wire varies Test in actual application to verify	