

# Speed-E Connect™ 4-Port System

## Revolutionary Manifold/Float Switch Connection System

The Speed-E Connect™ float connection system is a revolutionary new way to install float switches in a wet well for level control applications.

**Installation is as easy as 1, 2, 3...** Simply install the manifold, plug in the floats, and wire the manifold cable to the control panel. The color-coded cable makes for a quick, clean installation! The quick release float switch connections allow for easy maintenance and replacement of floats, saving installers time and money.

The Speed-E Connect™ system includes: **(a)** manifold and **(b)** mounting bracket. Ordered separately: **(c)** sealing plug with rubber boot and **(d)** Speed-E Connect™ low current float switch. Many float switch options and 3-port manifold available to suit your needs!

### FEATURES

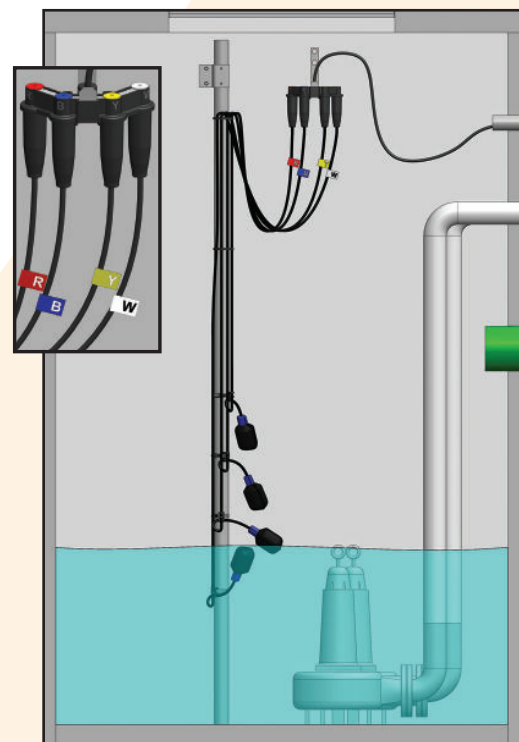
- (4) Quick release float connections for easy maintenance in the wet well
- A single multi-conductor direct burial cable with colored wire pairs for easy and clean field wiring of control panel
- Manifold housing includes colored caps that match Red-Blue-Yellow-White wire pairs in manifold cable for easy field wiring
- Rubber boot provides a dual seal design for an extra layer of protection to keep connection clean and dry
- Rated for short term submersion in water
- Can be used with 1, 2, 3, or 4 float switches; sealing plug available for unused manifold port(s)\*
- Speed-E Connect™ mechanically-activated float switch is rated at 125 VAC, 1 mA to 1 amp for low current applications (must be ordered separately)
- Includes mounting bracket with hardware



\*Do not install manifold with open port(s).



US Patent No.  
9,559,455 and 9,583,867  
Foreign Patents Pending



 **CSI Controls**®

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SPEED-E CONNECT™ 4-Port Manifold				
Part #	Description	Shipping Weight		
1053981	Speed-E Connect™, 4-Port, 25FT, with mounting bracket	4.57 lbs.		
1053982	Speed-E Connect™, 4-Port, 50FT, with mounting bracket	7.04 lbs.		
1053983	Speed-E Connect™, 4-Port, 100FT, with mounting bracket	11.98 lbs.		
SPEED-E CONNECT™ Float Switch Narrow-Angled Versions				
Normally Open		Normally Closed		Shipping Weight
Part #	Description	Part #	Description	
1053341	5MAPNPCNOSC	1053346	5MAPNPCNCSC	0.86 lbs.
1052773	10MAPNPCNOSC	1053348	10MAPNPCNCSC	1.14 lbs.
1053344	20MAPNPCNOSC	1053350	20MAPNPCNCSC	1.79 lbs.
1054154	5MAPNCWNOSC	1054155	5MAPNCWNCSC	2.16 lbs
1053836	10MAPNCWNOSC	1053837	10MAPNCWNCSC	2.44 lbs
1053564	20MAPNCWNOSC	1053561	20MAPNCWNCSC	3.09 lbs
SPEED-E CONNECT™ Float Switch Wide-Angled Versions				
Normally Open		Normally Closed		Shipping Weight
Part #	Description	Part #	Description	
1053342	5MAPWPCNOSC	1053347	5MAPWPCNCSC	0.86 lbs.
1053343	10MAPWPCNOSC	1053349	10MAPWPCNCSC	1.14 lbs.
1053345	20MAPWPCNOSC	1053351	20MAPWPCNCSC	1.79 lbs.
1054156	5MAPWCWNOSC	1054157	5MAPWCWNCSC	2.16 lbs
1054158	10MAPWCWNOSC	1054159	10MAPWCWNCSC	2.44 lbs
1054160	20MAPWCWNOSC	1054161	20MAPWCWNCSC	3.09 lbs
SPEED-E CONNECT™ Control Duty Extra Large Versions				
Normally Open		Normally Closed		Shipping Weight
Part #	Description	Part #	Description	
1059050	10MGMNOSC	1059051	10MGMNCSC	2.6 lbs.
1059052	25MGMNOSC	1059053	25MGMNCSC	3.6 lbs.
1059054	50MGMNOSC	1059055	50MGMNCSC	5.1 lbs.
OPTIONS				
Part #	Description	Shipping Weight		
1052772	Speed-E Connect™ Sealing Plug (includes rubber boot)	0.16 lbs.		
1052813	6 Hook Bracket	2.0 lbs.		

## OPTIONS

### PACKAGING

#### Manifold:

Boxed - standard

#### Float Switches:

Bagged - standard

## OTHER INFORMATION

### NORMALLY OPEN

#### (HIGH LEVEL) OPERATION

Blue colored cap, the control switch turns on (closes) when the switch tips above horizontal signaling a high level, and turns off (opens) when the switch drops below horizontal.

### NORMALLY CLOSED

#### (LOW LEVEL) OPERATION

Red colored cap, the control switch turns on (closes) when the switch drops below horizontal signaling a low level, and turns off (opens) when the switch tips above horizontal.

**N** = Narrow Angle

**W** = Wide Angle

**PC** = Pipe Clamp

**CW** = Cable Weight

**NO** = Normally Open

**NC** = Normally Closed

**SC** = Speed-E Connect

**NOTE:** Descriptions are by cable length measured in feet.

\*One sealing plug must be ordered for each unused port. Do not install manifold with open port(s).

SEE PRICE BOOK FOR LIST PRICE.

## SPECIFICATIONS

**HOUSING:** ABS plastic

**ELECTRICAL:** 125 VAC Maximum Electrical Load: 1 amp per connection port

### MOUNTING BRACKET SPECIFICATIONS:

**BRACKET:** 304 stainless steel

### FLOAT SPECIFICATIONS:

**CABLE:** flexible 18 gauge, 2 conductor (UL, CSA) SJOW, water-resistant (CPE)

**FLOAT:** 2.74 inch diameter x 4.83 inch long (7.0 cm x 12.3 cm), high-impact, corrosion resistant, polypropylene housing for use in sewage and water up to 140° F (60° C)

**MAXIMUM WATER DEPTH:** 30 feet (9 meters), 13 PSI (90kPa)

**ELECTRICAL:** 125 VAC Maximum Electrical Load: 1 amp, Minimum Electrical Load: 1 mA  
30 VDC Maximum Electrical Load: 1 amp, Minimum Electrical Load: 1 mA

**4 VDC Minimum Electrical Load:** 1 mA



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California Prop 65 requires the following: WARNING Cancer and Reproductive Harm - www.P65Warnings.ca.gov