

Speed-E Connect™ 3-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 with hardware. Ordered separately: **(c)** sealing plug with rubber boot and **(d)** Speed-E Connect™ low current float switch. Many float switch options and 4-port manifold available to suit your needs!

FEATURES

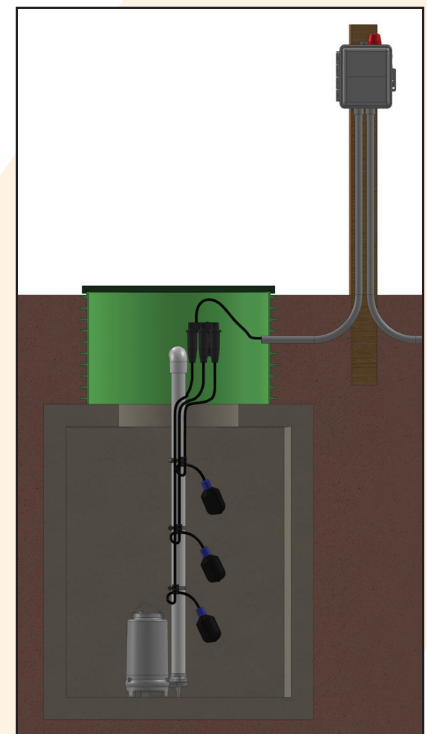
- (3) Quick release float connections for easy maintenance in the wet well
- A single 6-conductor direct burial cable with colored wire pairs for easy and clean field wiring of control panel
- Manifold housing includes R-B-Y imprints that match Red-Blue-Yellow wire pairs in manifold cable for easy field 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, or 3 float switches; sealing plug available for unused manifold port(s)*
- Speed-E Connect™ mechanically-activated float switch is rated at 125 VAC, 0.160mA to 1A for low current applications (must be ordered separately)
- Includes mounting bracket with hardware
- Optional 6 hook bracket available



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



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



Toll Free: 888-342-5753
customer.service@sjeinc.com
www.csicontrols.com

SPEED-E CONNECT™ 3-Port Manifold

| Part # | Description | Shipping Weight |
|---------|--|-----------------|
| 1052769 | Speed-E Connect™, 3-Port, 25FT, with mounting bracket | 3.33 lbs. |
| 1052770 | Speed-E Connect™, 3-Port, 50FT, with mounting bracket | 5.22 lbs. |
| 1052771 | Speed-E Connect™, 3-Port, 100FT, with mounting bracket | 9.28 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. |

*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

MANIFOLD SPECIFICATIONS:

CABLE: direct burial shielded PVC Type TC-ER TFFN (UL) 600V 18 gauge, 6 conductor

HOUSING: ABS plastic

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

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: 0.160 mA
30 VDC Maximum Electrical Load: 1 amp, Minimum Electrical Load: 0.160 mA

5 VDC Minimum Electrical Load: 1 mA

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

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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.



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customer.service@sjeinc.com
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9500387D 11/20
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