

EZCONNEX® 3-PORT FLOAT SWITCH CONNECTION SYSTEM

Manifold/float connection system designed for easy installation of 1-3 float switches in a wet well for level control applications.

The EZconnex® 3-Port Float Switch Connection System includes (A) an electrical wiring manifold with (B) mounting bracket and hardware. The manifold features three quick release float switch connection ports. A single 6-conductor direct burial cable has Red-Blue-Yellow wire pairs that match the R-B-Y imprint on the manifold housing for easy field wiring. The mounting bracket is designed to allow quick access to the manifold and float switches for easy maintenance.

(C) EZconnex® or (D) SJE MegaMaster™ float switches feature an internal switching mechanism with sealed gold cross-point contacts for reliable low current operation. A range of wide-angle or narrow-angle float switches feature a quick release connection that simply plugs into the manifold port(s) for easy installation.

The EZconnex® 3-Port System can be used with 1, 2 or 3 float switches. Each float switch includes a (E) protective rubber boot that provides a dual seal design for an extra layer of protection to keep connections clean and dry. (F) Sealing plugs are available for unused manifold port(s). NOTE: Do not install with open port(s).



US Pat. 9,559,455 and 9,583,867.
Foreign Patents Pending.

FEATURES

- Includes mounting bracket and hardware
- Rated for short term water submersion
- Designed for use with 1-3 **EZconnex® or SJE MegaMaster™ float switches** (not included with manifold; float switches must be ordered separately)
- Manifold available in standard cable lengths of 7.62, 15.24, or 30.48 m (25, 50, or 100 ft)
- Sealing plug (includes rubber boot) required for unused port(s)

SPECIFICATIONS

3-PORT MANIFOLD:

Cable: Direct Burial Shielded PVC Type TC-ER TFFN (UL) 600V
18 gauge, 8-conductor

Housing: ABS Plastic

Electrical:

125 VAC: Max. Electrical Load: 1 amp per connection port

EZCONNEX® FLOAT SWITCH:

Cable: flexible 18 gauge, (UL, CSA) SJOW, water-resistant (CPE)

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

Min/Max Electrical Load:

125 VAC/30 VDC: Min. 1 mA; Max. 1 amp

4 VDC: Min. 1 mA

Mounting: standard mounting clamp for applications where the switch can be attached to a discharge pipe or similar mounting method

SJE MEGAMASTER™ FLOAT SWITCH:

Cable: flexible 18 gauge, (UL, CSA) SJOW

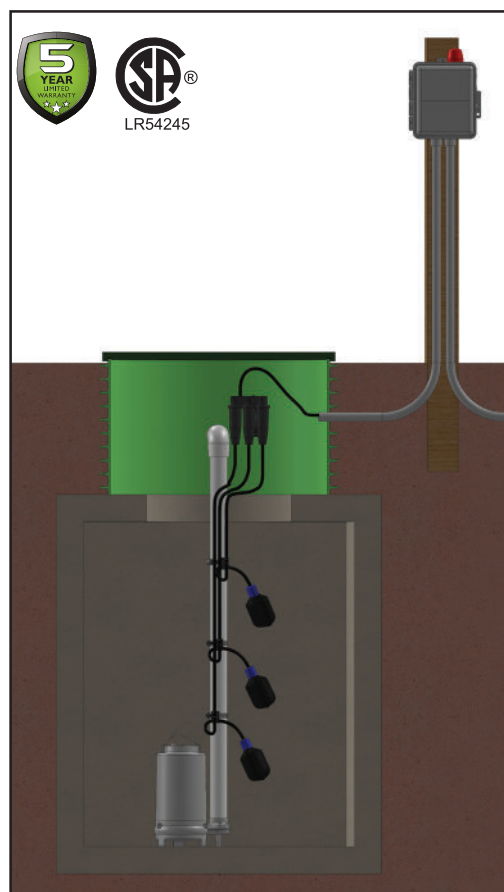
Float: 10.2 diameter x 16.8 cm long (4.03 x 6.62"), high-impact, corrosion resistant, polypropylene housing for use in sewage and water up to 60°C (140°F)

Min/Max Electrical Load:

125 VAC: Max. 1 amp

4 VDC: Min. 1 mA

Mounting: Internally weighted for applications where the switch can be attached to a float bracket or similar mounting method



Control Floats



SJE RHOMBUS®

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SEE BACK SIDE FOR COMPLETE LISTING OF AVAILABLE OPTIONS.

EZCONNEX® 3-PORT FLOAT SWITCH CONNECTION SYSTEM

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ORDERING INFORMATION

EZconnex® 3-Port Manifold				
PART NUMBER		DESCRIPTION		SHIPPING WEIGHT
1047612		EZconnex® 3-Port, with mounting bracket, 7.62 m (25 ft)		1.51 kg
1047613		EZconnex® 3-Port, with mounting bracket, 15.24 m (50 ft)		2.37 kg
1050843		EZconnex® 3-Port, with mounting bracket, 30.48 m (100 ft)		4.21 kg
EZconnex® Float Switch				
Normally Open		Normally Closed		
PART NUMBER	DESCRIPTION	PART NUMBER	DESCRIPTION	SHIPPING WEIGHT
1046922	EZconnex® Float w/1.5 m (5 ft) cable, narrow angle, pipe clamp	1046923	EZconnex® Float w/1.5 m (5 ft) cable, narrow angle, pipe clamp	0.39 kg
1046918	EZconnex® Float w/1.5 m (5 ft) cable, wide angle, pipe clamp	1046919	EZconnex® Float w/1.5 m (5 ft) cable, wide angle, pipe clamp	0.39 kg
1046924	EZconnex® Float w/3 m (10 ft) cable, narrow angle, pipe clamp	1046925	EZconnex® Float w/3 m (10 ft) cable, narrow angle, pipe clamp	0.52 kg
1046920	EZconnex® Float w/3 m (10 ft) cable, wide angle, pipe clamp	1046921	EZconnex® Float w/3 m (10 ft) cable, wide angle, pipe clamp	0.52 kg
1050721	EZconnex® Float w/6 m (20 ft) cable, narrow angle, pipe clamp	1050740	EZconnex® Float w/6 m (20 ft) cable, narrow angle, pipe clamp	0.81 kg
1050841	EZconnex® Float w/6 m (20 ft) cable, wide angle, pipe clamp	1050842	EZconnex® Float w/6 m (20 ft) cable, wide angle, pipe clamp	0.81 kg
SJE MegaMaster™ Float Switch				
Normally Open		Normally Closed		
PART NUMBER	DESCRIPTION	PART NUMBER	DESCRIPTION	SHIPPING WEIGHT
1059056	SJE MegaMaster™ Float w/3.05 m (10 ft) cable, internally weighted	1059057	SJE MegaMaster™ Float w/3.05 m (10 ft) cable, internally weighted	1.18 kg
1059058	SJE MegaMaster™ Float w/7.62 m 25 ft) cable, internally weighted	1059059	SJE MegaMaster™ Float w/7.62 m 25 ft) cable, internally weighted	1.60 kg
1059060	SJE MegaMaster™ Float w/15.24 m (50 ft) cable, internally weighted	1059061	SJE MegaMaster™ Float w/15.24 m (50 ft) cable, internally weighted	2.39 kg
OPTIONS				
PART NUMBER	DESCRIPTION			SHIPPING WEIGHT
1047611	Sealing plug (includes rubber boot)			0.07 kg
1052814	6 hook bracket			0.91 kg

*One sealing plug must be ordered for each unused port.

Do not install with open port(s).

SEE INTERNATIONAL PRICE BOOK FOR LIST PRICING.



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