

# Float Controls

sealed mechanical switch - narrow angle



Custom designed float switch for liquid level control. Designed for use with liquid level warning alarms, pilot duty control of simplex or duplex systems, sump pumps or any type of high/low operation. Available with standard power cords or custom cords with quick-connect plugs, these floats can serve as original equipment components, retrofit, or as replacement parts.

Tested to a water depth of 60 feet.



UL and CSA Recognized  
U.L. # E87187 C.S.A. # LR64966

## Ordering Codes

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<b>Float Color</b> <table border="1"> <thead> <tr> <th>Code 1</th> <th></th> </tr> </thead> <tbody> <tr> <td>C</td> <td>Gray</td> </tr> <tr> <td>F</td> <td>Yellow</td> </tr> <tr> <td>G</td> <td>Black</td> </tr> <tr> <td>M</td> <td>Blue</td> </tr> <tr> <td>D</td> <td>Red</td> </tr> <tr> <td>H</td> <td>Green</td> </tr> </tbody> </table>		Code 1		C	Gray	F	Yellow	G	Black	M	Blue	D	Red	H	Green	<b>Cord Termination</b> <table border="1"> <thead> <tr> <th>Code 4</th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>120VAC Series Tap Plug*</td> </tr> <tr> <td>3</td> <td>Plain Cut</td> </tr> <tr> <td>A</td> <td>Custom</td> </tr> </tbody> </table>			Code 4		1	120VAC Series Tap Plug*	3	Plain Cut	A	Custom	<b>Cord Length</b> <table border="1"> <thead> <tr> <th>Code 6</th> <th>Code 7</th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>0</td> <td>10 feet</td> </tr> <tr> <td>2</td> <td>0</td> <td>20 feet</td> </tr> <tr> <td>3</td> <td>0</td> <td>30 feet</td> </tr> <tr> <td>A</td> <td>A</td> <td>Custom length</td> </tr> </tbody> </table>		Code 6	Code 7		1	0	10 feet	2	0	20 feet	3	0	30 feet	A	A	Custom length	<b>Cord Type</b> <table border="1"> <thead> <tr> <th>Code 5</th> <th></th> </tr> </thead> <tbody> <tr> <td>7</td> <td>SJTO 16/2</td> </tr> <tr> <td>8</td> <td>SJTO 16/3</td> </tr> </tbody> </table>		Code 5		7	SJTO 16/2	8	SJTO 16/3	<b>Mechanical Switch</b> <table border="1"> <thead> <tr> <th>Code 2</th> <th>Code 3</th> <th colspan="2">Operating angle &amp; Switch Description</th> </tr> </thead> <tbody> <tr> <td>N</td> <td>A</td> <td>44.5°</td> <td>13A, 1/2 HP, SPST-NO (Normally Open)</td> </tr> <tr> <td>N</td> <td>B</td> <td>44.5°</td> <td>13A, 1/2 HP, SPST-NC (Normally Closed)</td> </tr> <tr> <td>N</td> <td>C</td> <td>44.5°</td> <td>13A, 1/2 HP, SPDT (Changeover)</td> </tr> </tbody> </table>			Code 2	Code 3	Operating angle & Switch Description		N	A	44.5°	13A, 1/2 HP, SPST-NO (Normally Open)	N	B	44.5°	13A, 1/2 HP, SPST-NC (Normally Closed)	N	C	44.5°	13A, 1/2 HP, SPDT (Changeover)	<b>Special Options</b> <table border="1"> <thead> <tr> <th>Code 8</th> <th>Code 9</th> <th></th> </tr> </thead> <tbody> <tr> <td>A</td> <td>W</td> <td>includes Weight Kit 4438</td> </tr> </tbody> </table>		Code 8	Code 9		A	W	includes Weight Kit 4438
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Note: \* = UL Listed. Only available with 10ft cable (Cord length Code 10)

Example: FCNA3710AW

Gray Float, SPST-NO mechanical switch, plain cut cord termination, SJTO 16/2 cord type, cord length 10 feet with weight kit.

Not all part number combinations are active. Set up charges may apply. Please contact factory for availability.

Contact factory for custom requirements or specific application information

American Electronic Components Inc., 1101 Lafayette Street, Elkhart, Indiana IN46516

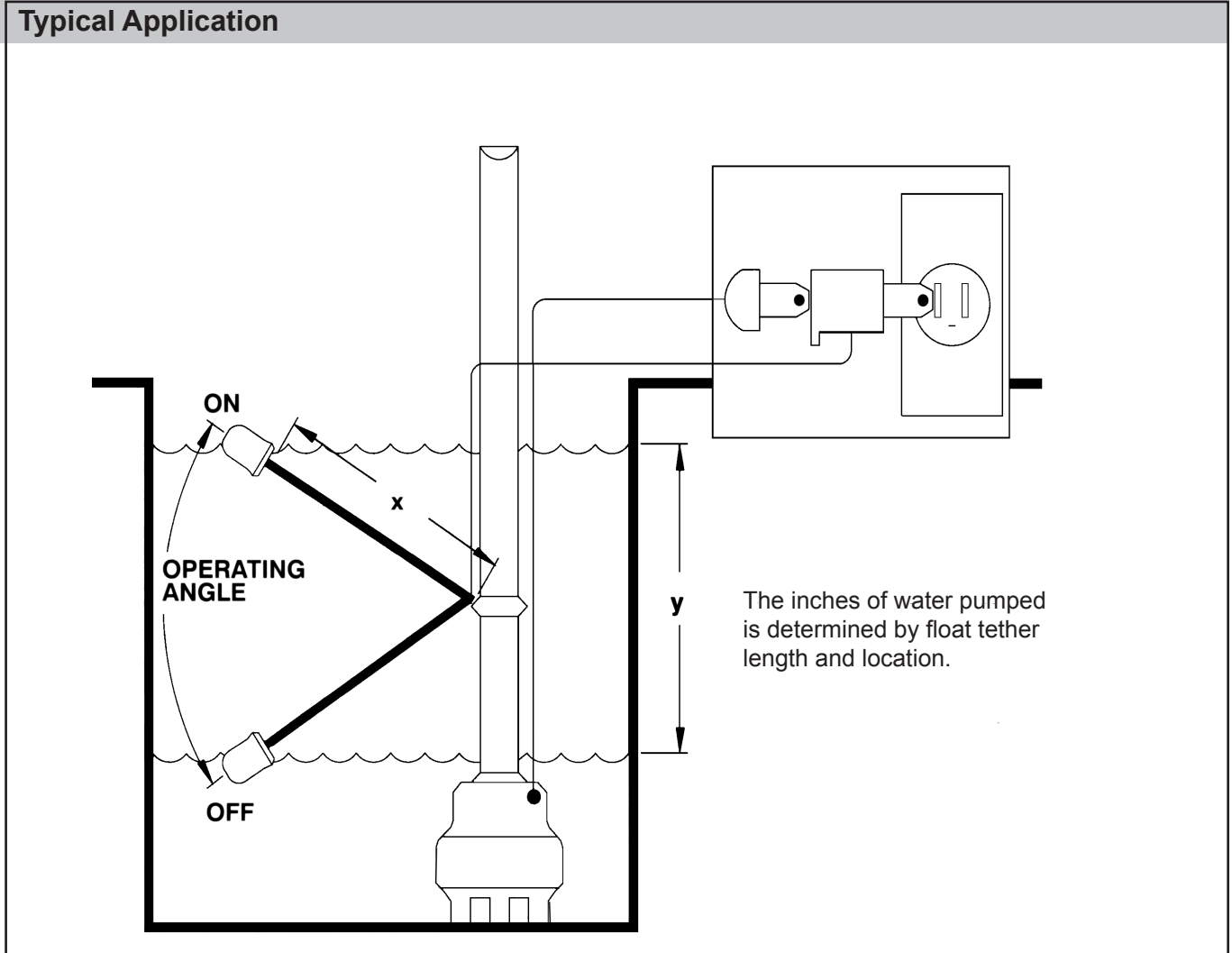


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## Typical Application



Narrow Angle 44.5°, approximate operating angle				
Tether length, inches (x)	3	4	6	8
Water pumped, inches (y)	3.5	4.5	5.5	6

Make Angle (approximate)	39°
Break Angle (approximate)	5.5°

Float switches are for use with motor-operated water pumps only, not for swimming pool use.

Recommended operating temperature range is 32°F to 160°F (0°C to 71°C)

Specifications are subject to change without notice. E&OE.

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