

## HYDRO-SWITCH



### TECHNICAL SPECIFICATIONS

<b>AC Rating:</b>	10 amps at 115 vac (Resistive load) 5 amps at 115 vac (Inductive load) 3 amps at 115 vac (Lamp load)
<b>DC Rating:</b>	10 amps at 28 vdc (Resistive load) 5 amps at 28 vdc (Inductive load) 3 amps at 28 vdc (Lamp load)
<b>Type 7 Contact Arrangement:</b>	Ratings are one half amperage
<b>Mechanical Life:</b>	500,000 cycles
<b>Action:</b>	Momentary snap of push-pull (as specified)
<b>Plunger Travel:</b>	.085 inch (approx.)
<b>Operating Force:</b>	
Ser. 20 & 30	3 to 5 pounds momentary 1/2 to 2 pounds push-pull
Ser. 22 & 32	2 to 3 pounds
<b>Weight</b>	050 pound maximum
<b>Case:</b>	Aluminum alloy. 2001 - T3, anodized in accordance with MIL-A-8625
<b>Plunger:</b>	Glass filled nylon
<b>Body:</b>	Diallyl phthalate in accordance with MIL-M-14
<b>Terminals:</b>	Threaded 2-56 NC-2B
<b>Terminal Hardware:</b>	Solder-type wire terminals, with terminal mounting screws and lockwashers, supplied with each switch.
<b>Mounting:</b>	Basic switch supplied with 1/2-32 UN-2B nut and internal tooth lockwasher. Switch with mounding adapter C,F,G or H supplied with 5/8-24 UNEF-2B nut and internal tooth lockwasher.
<b>Special:</b>	Additional types of mounting, button styles, colors, and other variations are available on special order.

Amphenol NEXUS Technologies now offers MIL-S-8805/3 type watertight switches that meet IP68 water submersion requirements. This new Hydro-Switch has the same mechanical and electrical properties of our NX300 series switches with the added bonus of being watertight. It can be used as a direct drop-in replacement for designs utilizing current Amphenol NEXUS Technologies' switches.

Amphenol NEXUS Technologies manufactures a wide variety of push-pull and momentary switches for multiple markets and applications. Many of the switches can be incorporated with our connectors for customers who have come to rely on our design capabilities and prefer the tactile feel of our quality switches. The new Hydro-Switch has the same quality customers expect from an Amphenol NEXUS Technologies product.