

APPLICATIONS

Fixed Wing Aircraft
(Commercial & Military)
Helicopters

FEATURES

Resettable
Visual Indicator (LED)
Environmentally Sealed
Variable "G" Setting
Small and Lightweight
Operated in 1, 2, or
all 3 Primary Axes

SPECIFICATIONS

Typical Part Number:
6895-D-2-X-5-5

Optional part numbers available

Operating Voltage:
28 VDC for 6895-D type
110 VAC for 6895-A type

Weight:
Less than 0.60 LB (0.3 kg)

Operating Temperature
Range:
-49°F to +149°F
(-45°C to +65°C)



Impact Switch Assembly

The Aerodyne environmentally sealed Impact Switch Assembly, Model 6895, is for use in various aircraft and helicopter applications. The switch is compatible with cockpit voice recorders certified to FAA TSO C84.

The Model 6895 Impact Switch will automatically turn the power on or off to certain systems (such as voice/data recording, fire control, aural-tone warnings, and emergency lighting) in response to the aircraft experiencing preset acceleration levels, certain G levels, hard landings, or upon impact.

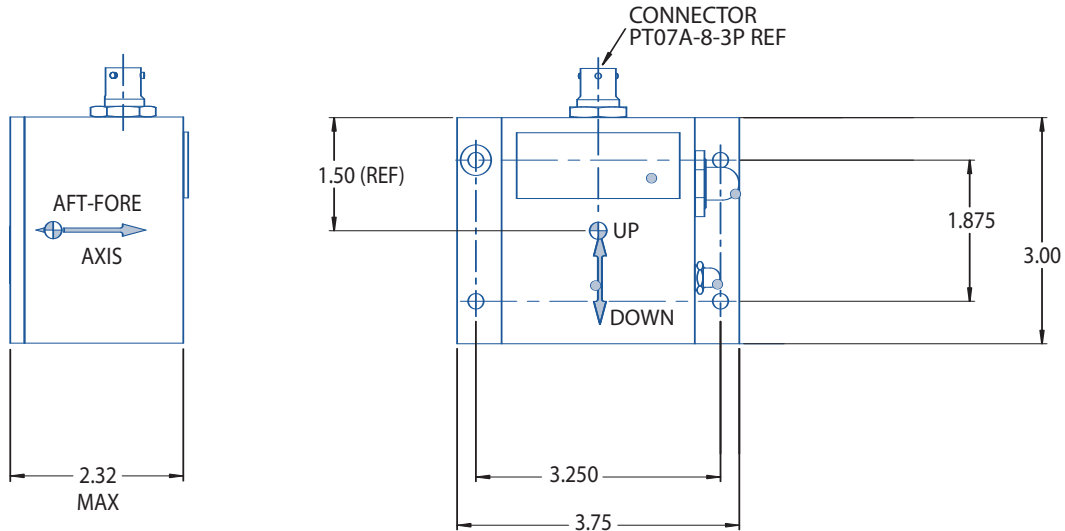
Impervious to moisture, sand, and dust, this highly dependable switch assembly will continue to function reliably and effectively in hostile environments. The switch can be floor-, ceiling-, wall-, or bulkhead-mounted within the aircraft. The unit is sensitive in one, two, or all three primary axes: up-down, fore-aft, and right left axes. Acceleration sensitivity levels can be set from 2.5 G and above for each axis, two axes at one level and the third at another, or all three axes at three different levels.

Custom fluid controls and motion sensors since 1958

MODEL
6895

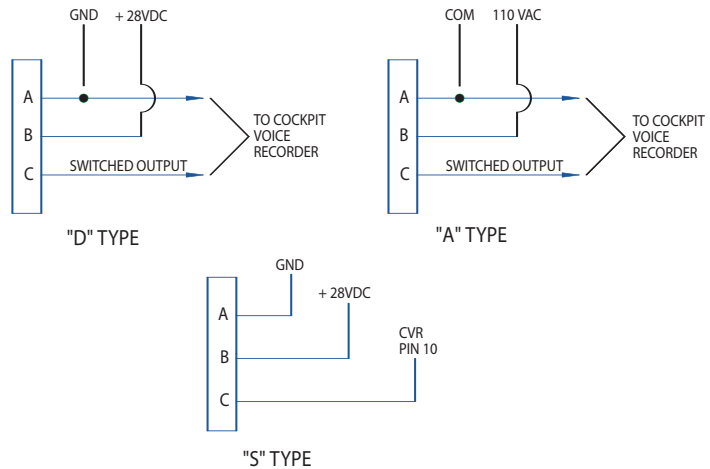
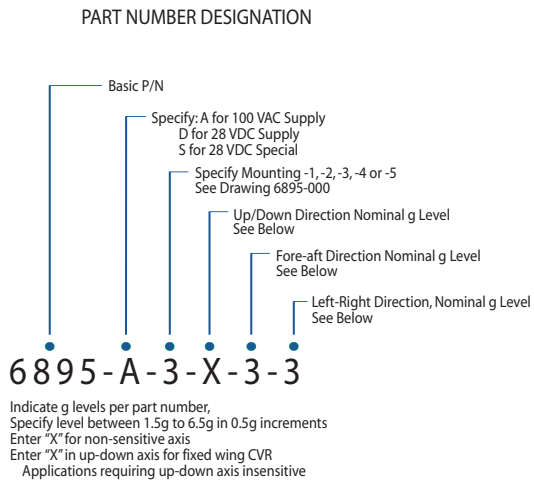
Impact Switch Assembly

DIMENSIONS



-3 BULKHEAD MOUNT (SHOWN)

FUNCTIONAL SCHEMATIC



CONNECTOR LEAD CONFIGURATION

Custom fluid controls and motion sensors since 1958

30 Haynes Court Ronkonkoma, New York 11779 Phone: 631-737-1900 Fax: 631-737-1912 www.aerodyne-controls.com