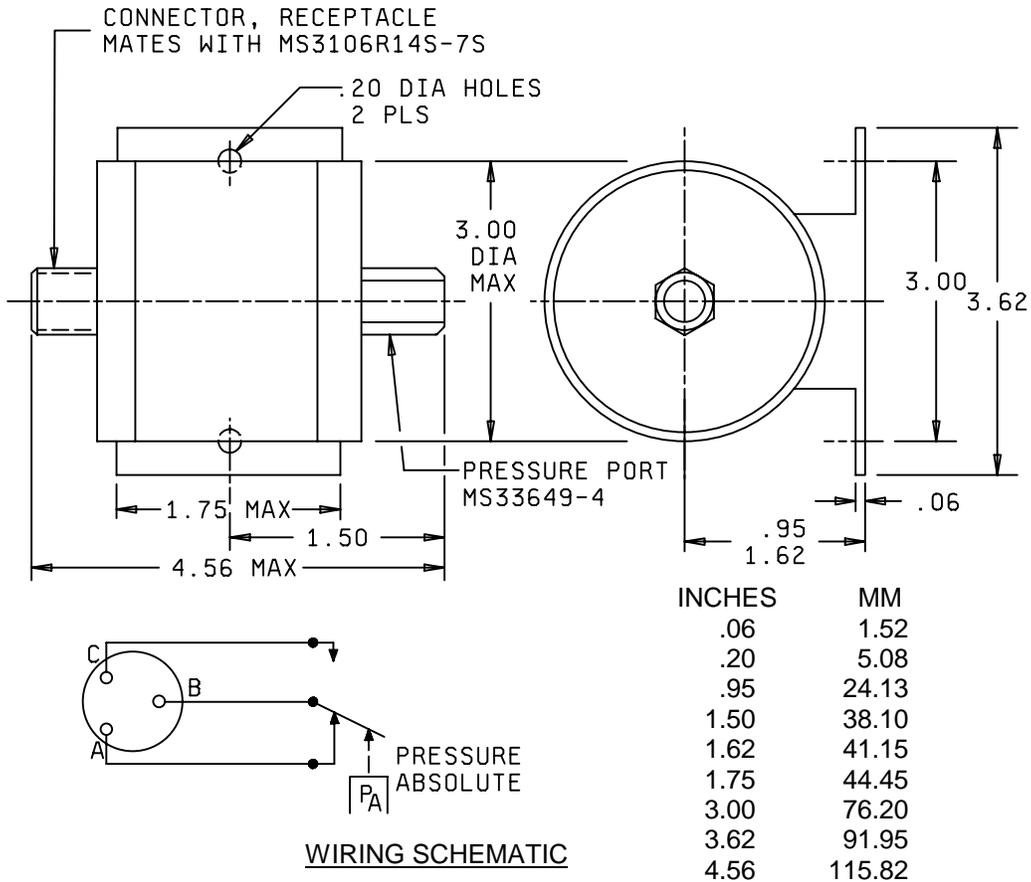


DETAIL SPECIFICATION SHEET
 SWITCHES, PRESSURE (ABSOLUTE), TYPE I,
 SPDT, 3 AMPERES

This specification is approved for use by all Departments and Agencies of the Department of Defense.

The complete requirements for procuring the pressure switch described herein shall consist of this document and the latest issue of Specification MIL-DTL-9395.



NOTES:

1. Dimensions are in inches. Metric equivalents (to the nearest .01 mm) are given for general information only and are based upon 1 inch = 25.4 mm.
3. Unless otherwise specified, tolerance is $\pm .02$ (.51 mm).
4. Exact shape of switch optional provided dimensions specified are not exceeded.

MIL-DTL-9395/6B

TABLE I. Dash number and pressure settings.

Dash number	Pressure switch settings	
	Increasing	Decreasing
01	<u>psia</u> 72 ⁺⁰ ₋₁	<u>psia</u> 70 ±1
02	<u>psia</u> 52 ⁺⁰ ₋₁	<u>psia</u> 50 ±1

REQUIREMENTS:

Dimensions, configuration, and electrical schematic: See figure.

Weight: Not to exceed .7 pound.

Calibration: See table I.

Proof pressure: 150 psia.

System pressure: 100 psia.

Burst pressure: 260 psia.

Electrical ratings:

Operating voltage - 28 Vdc.

Current rating -3 amperes resistive.

1 ampere inductive.

Seal:

Electrical chamber: Hermetic.

Pressure chamber: Hermetic.

Reference chamber: Hermetic.

Electrical connector: See figure.

Pressure port: See figure.

Media: Dry air; nitrogen; fuel per MIL-DTL-5624; lubricating oil per MIL-PRF-7808; or hydraulic fluid per MIL-H-5606.

High temperature (operating and nonoperating): B (+275°F).

Low temperature (operating and nonoperating): D (-65°F).

Altitude: C (70,000 ft).

Shock: C (100 G).

Vibration: S (test condition C, method 204 of MIL-STD-202, except 10 - 2,000 Hz, 10G).

Life (mechanical): A (100,000 cycles).

Life (electrical): C (50,000 cycles).

Acceleration: C (8 G).

Pulsation amplitude: A (0%).

Pulsation frequency: A (0 Hz).

Pressure surge: A (less than 100 psi/sec).

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Dielectric withstanding voltage (at reduced barometric pressure): Applicable.

Connector torque: Applicable.

Part number: M9395/6-(dash number from table I).

Custodians:

Army - CR
Navy - EC
Air Force - 11
DLA-CC

Preparing activity:

DLA-CC

(Project 5930-1730-04)

Review activities:

Navy - MC, SH
Air Force - 99