

INCH-POUND

MS27152C

10 March 2011

SUPERSEDING

MS27152B

13 June 1968

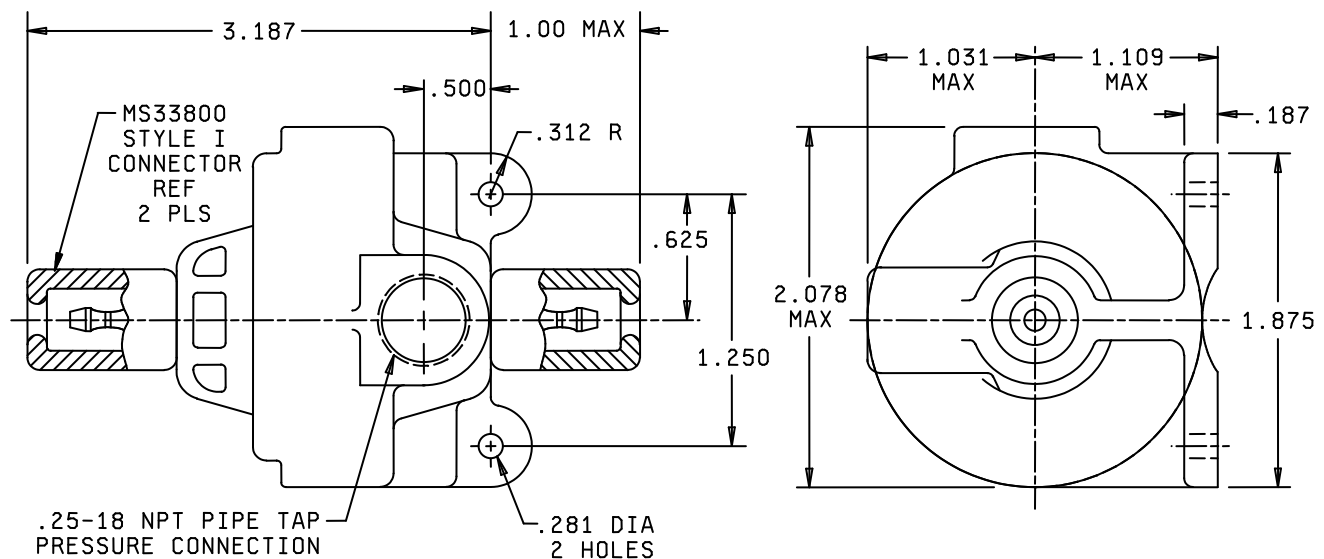
## DETAIL SPECIFICATION SHEET

Inactive for new design after 9 June 2005

## SWITCH, PRESSURE-WARNING, LOW AIR PRESSURE, 60 PSI, SPST, WATERPROOF

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

The complete requirements for acquiring the switch described herein shall consist of this specification and the latest issue of MIL-DTL-12211.



## NOTES:

1. Dimensions are in inches.
2. Tolerances are  $\pm 1/64$  on fractions.
3. Threads shall be in accordance with screw FED-STD-H28.
4. For design feature purposes, this standard takes precedence over procurement documents reference herein.
5. This standard is not intended to limit construction to features other than as shown hereon by dimensions, notations or referenced documents.
6. Marking shall consist of the MS part number and manufacturer's identification in accordance with MIL-STD-130.

FIGURE1. Dimensions and Configuration.

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### REQUIREMENT

Switch contacts shall close at  $60 \pm 6$  PSI and remain closed on decreasing pressure.

Switch contact rating at 24 Volts DC: resistance load 5 Amp. or lamp load 3 Amp, or inductive load 3 Amp. (L/R ratio .026).

Type I (low pressure closes contacts) Grade A (waterproof) class 2 (low vibration) of procurement specification.

With switch conducting rated resistive load current, the terminal to terminal voltage drop shall not exceed 150 millivolts prior to the endurance test of the procurement specification and shall not exceed 300 millivolts after endurance test.

### Referenced documents

MIL-DTL-12211

MIL-STD-130

MS33800

FED-STD-H28

Marginal notations are not used in this revision to identify changes with respect to the previous issue due to the extent of the changes.

### Custodians:

Army – AT

Air Force - 85

DLA – CC

### Preparing activity

DLA – CC

(Project 5930-2011-032)

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using the ASSIST Online database at <https://assist.daps.dla.mil/>.