

6SE175-3

PAGE 1 OF 1

PAGE 1 OF 1

RELEASE NO. PR-4068 REPLACES

111

114

Technical drawing of a plunger assembly with dimensions and callouts for various parts:

- CORROSION RESISTANT STEEL PLUNGER**: .050 MAX PRETRAVEL
- ELASTOMER PLUNGER SEAL**: .296 ± .010
- OPERATING POSITION**: .425 ± .020
- HOLE 1**: .088 +.002 -.001 DIA
- COMMON**: .098 +.002 -.004 DIA
- NORMALLY CLOSED**: .140 REF
- NORMALLY OPEN**: .234 REF
- REF**: .250 REF
- PLUNGER DIA**: .078 DIA
- SPHERICAL**: .070 SPHERICAL
- LEAD LENGTH**: 36.0 MIN
- WIRE LEAD**: (3) NO. 20 WIRE LEAD
- REFERENCE**: PER MIL-W-22759/11 EMBEDDED IN EPOXY CASTING RESIN

**NOTE -**

- 1** - MOUNTING HOLES WILL ACCEPT .087 MAX DIA PINS OR SCREWS ON  $.375 \pm .002$  CENTERS
- 2** - ACTUATION IN LINE WITH ARROW "A" IS RECOMMENDED
- 3** - WEIGHT OF SWITCH ONLY IS .26 OZ MAX, WEIGHT OF SWITCH WITH WIRE LEADS IS .60 OZ MAX
- 4** - WIRE LEADS MARKED WITH CIRCUIT IDENTIFICATION AND WIRE GAGE (CLOSED-20, OPEN-20 AND COMMON-20) PER MIL-W-5088

THIS DRAWING COVERS A PROPRIETARY ITEM AND IS THE PROPERTY OF MICRO SWITCH, A DIVISION OF HONEYWELL. THIS DRAWING IS NOT TO BE COPIED OR USED WITHOUT THE APPROVAL OF MICRO SWITCH.

## CHARACTERISTICS

## ELECTRICAL DATA

SCALE FULL

OPERATING FORCE - - - - - 5-17 OZ  
RELEASE FORCE - - - - - 4 OZ MIN  
RELEASE TRAVEL - - - - - .004 MIN  
DIFFERENTIAL TRAVEL - - - .004 MAX  
OVERTRAVEL - - - - - .003 MIN

CONTACT ARRANGEMENT  
S P D T  
250 VAC ----- 5 AMP  
30 VOLTS DC RATING  
INDUCTIVE ----- SEA LEVEL -- 3 AMP  
50,000 FT -- 2.5 AMP  
RESISTIVE ----- SEA LEVEL -- 5 AMP  
50,000 FT -- 5 AMP  
MAXIMUM INRUSH ----- 24 AMP

DO NOT SCALE PRINT  
UNLESS OTHERWISE  
NOTED  
DIMENSIONS ARE IN INCHES  
**TOLERANCES ARE**  
ONE PLACE (.0) ± .030  
TWO PLACE (.00) ± .015  
THREE PLACE (.000) ± .005  
ANGLES ±  
WEIGHT  3

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Honeywell:](#)

[6SE175-3](#)