

125EN56-RB

M

DRAWING NUMBER

II

ISSUE

REVISIONS

A CO 44351

C E B

14 FEB 80

B CO 47573

PART 4

R J H

14 AUG 80

FO-52851-A

DRAWN

CEB

14 FEB 80

CHICK

CEB

16 FEB 80

CHECK

CEB

12398

SR

REPLACES

MICRO SWITCH
FREEPORT ILLINOIS U.S.A.
A DIVISION OF HONEYWELL
FED. MFG. CODE 91929

SWITCH - ENCLOSED

CATALOG LISTING
125EN56-RB

.750 DIA

.5 DIA X .12 WIDE CORROSION RESISTANT STEEL ROLLER

ROLLER GUIDE MAY BE LOCKED IN INCREMENTS OF 45° AZIMUTH. IT MAY ALSO BE UNSCREWED AND REMOVED FROM BUSHING TO FACILITATE INSTALLATION

.072 ± .004 WIDE X .038 ± .003 DEEP TO WITHIN .250 OF SHOULDER

CORROSION RESISTANT STEEL KEYING WASHER, .87 DIA X .040 THICK, TAB .110 WIDE (MS 25081C6)

BENDIX SCINTILLA PART NO. PT07A-14-15P

1.50 DIA

2.760 MAX

.047 DIA HOLE FOR WIRE LOCKING

.952 ± .030

.75

2.075 ± .030 FREE POSITION

MICRO SWITCH
FREEPORT ILL. U.S.A.

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

THIRD ANGLE PROJECTION

SCALE FULL

DO NOT SCALE PRINT

TOLERANCES
APPLY TO DESIGN UNITS. CONVERSIONS ARE ONLY FOR REFERENCE. UNLESS NOTED, TOLERANCES ARE:

DIM.	TOL.	DIM.	TOL.
in	mm/in	in	mm/in
NO PLACES	X	1/64	X
ONE PLACE	X, X	0.4/0.16	X, X
TWO PLACES	X, XX	0.15/0.006	X, XX
THREE PLACES	X, XXX	0.38/0.015	X, XXX
ANGLES	X, XXX	0.13/0.005	X, XXX

DESIGN UNITS ☐ SI METRIC ☒ U.S. CUSTOMARY

RAW MATERIAL - COMMERCIAL STANDARD
MICRO SWITCH STANDARDS APPLY
DIMENSIONS ARE TO BE MET BEFORE
PROTECTIVE COATINGS ARE APPLIED

WEIGHT 8 OZ

CHARACTERISTICS		ELECTRICAL DATA	
OPERATING FORCE-----6-12 LB		CONTACT ARRANGEMENT	
FREE OVERTRAVEL FORCE-----30 LB MAX		S P D T (4)	
RELEASE FORCE-----4 LB MIN		28 VDC	
PRETRAVEL-----.040 MAX		LOAD	SEA LEVEL 50,000 FT.
DIFFERENTIAL TRAVEL-----.030 MAX		RES	4 4
OVERTRAVEL-----.250 MIN		IND	2 2
		MOTOR	4
		LAMP	

.470

.05

ROLLER GUIDE LOCK RING

CORROSION RESISTANT STEEL HEX NUT, .812 ACROSS FLATS X .12 THICK (2)

5/8-24 UNEF THREAD TO WITHIN .125 OF SHOULDER

CORROSION RESISTANT STEEL INTERNAL TOOTH LOCKWASHER, .87 DIA X .022 REF THICK

TCH
U.S.A.

A B

C

D E

F

G H

J

K L

M

N

P

R

NOT USED

CIRCUIT DIAGRAM

NOTES

1 - CORROSION RESISTANT STEEL ENCLOSURE

2 - SWITCH SEALED PER MIL-S-8805 SYMBOL 4

3 - CIRCUIT DIAGRAM AND CATALOG LISTING ARE SHOWN ON NAMEPLATE

4 - TO ADJUST ROLLER DIRECTION REMOVE ROLLER GUIDE LOCK RING SCREW ROLLER GUIDE DOWN AS FAR AS POSSIBLE, THEN UNSCREW TO DESIRED DIRECTION. SECURE BY REPLACING ROLLER GUIDE LOCK RING

5 - COINCIDENCE OF OPERATING AND RELEASING POINTS: .010 OF PLUNGER TRAVEL

6 - NOTED ELECTRICAL RATINGS APPLY AS SPECIFIED IN MIL-S-8805/40-1 UP TO 185°F

7 - HARDWARE MAY BE PACKAGED UNASSEMBLED PER MIL-S-8805

Mouser Electronics

Authorized Distributor

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

[Honeywell:](#)

[125EN56-RB](#)