

MICRO SWITCH

a Honeywell Division

FED.MFG.CODE 91929

SWITCH-BASIC

CATALOG LISTING

1XE25-2

CATALOG LISTING

1XE25-2

ISSUE

M

5

REPLACES

PR-20839

CHECK

8 NOV 93

W L S

CHECK

5 NOV 93

DRAWN

M A M

REVISIONS

A	PR-20839
	MAM 5 NOV 93
B	CO-77283
	JAL 23 MAY 94
C	CO-82387
	LJK 10 JAN 96

Technical drawing of a Micro Switch (1XE25-2) showing three views: top, side, and detail of the plunger seal area.

Top View Dimensions:

- Overall width: $.316 \pm .010$
- Overall height: $.33$
- Mounting hole diameter: $\phi .091$ MAX
- Mounting hole spacing: $.188 \pm .020$
- Plunger seal diameter: $\phi .060$
- Operating position height: $.425 \pm .020$
- Pretravel: $.050$ MAX
- Common terminal spacing: $.214 \pm .010$
- Normally open terminal spacing: $.188$
- Overall terminal spacing: $.616 \pm .010$

Side View Dimensions:

- Overall height: $22.520^{+2.000}_{-.000}$
- Plunger seal height: $.070$
- Wire lead height: $.375$

Labels:

- CORROSION RESISTANT TREATED METAL ENCLOSURE
- CORROSION RESISTANT STEEL PLUNGER
- ELASTOMER PLUNGER SEAL
- NORMALLY OPEN BLACK
- COMMON RED
- ELONGATED MTG HOLE

Notes:

- MOUNTING HOLES WILL ACCEPT $.087$ MAX DIA PINS OR SCREWS ON $.188 \pm .002$ CENTERS
- ACTUATION IN LINE WITH ARROW "A" IS RECOMMENDED
- WEIGHT OF SWITCH ONLY IS $.16$ OZ MAX. WEIGHT OF SWITCH WITH WIRE LEADS IS $.55$ OZ MAX

Wire Leads: 2X NO. 22 WIRE LEAD PER MIL-W-22759/11 EMBEDDED IN EPOXY CASTING RESIN

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THIRD ANGLE PROJECTION

CHARACTERISTICS	ELECTRICAL DATA	SCALE 2:1	DO NOT SCALE PRINT
OPERATING FORCE — — — — 5-17 OZ	CONTACT ARRANGEMENT S P N O	UNLESS OTHERWISE SPECIFIED TOLERANCES ARE	
RELEASE FORCE — — — — 4 OZ MIN	28 VOLTS DC RATING		
RELEASE TRAVEL — — — — .004 MIN	INDUCTIVE — — — SEA LEVEL — — — 4 AMP	ONE PLACE (.0)	$\pm .030$
DIFFERENTIAL TRAVEL — — .005 MAX	50,000 FT — — — 2.5 AMP	TWO PLACE (.00)	$\pm .015$
OVERTRAVEL — — — — .004 MIN	RESISTIVE — — — SEA LEVEL — — — 7 AMP	THREE PLACE (.000)	$\pm .005$
	50,000 FT — — — 7 AMP	ANGLES	$\pm$
	115 VOLTS 400 CYCLES — — — SEA LEVEL	WEIGHT	$\frac{3}{1}$
	RESISTIVE — — — — — 7 AMP		
	INDUCTIVE — — — — — 4 AMP		
	LAMP — — — — — 1 AMP		
	MOTOR — — — — — 1.5 AMP		