

NOTES

REPLACEMENT MOUNTING HARDWARE - PACKET 19PA8

SWITCH RESISTANCE = SWITCH CONTACT RESISTANCE AND INTERCONNECT LEADS AND CONNECTOR PINS SWITCH CONTACT RESISTANCE SHALL NOT EXCEED .025 Ω INITIALLY AND .040 Ω AFTER MECHANICAL ENDURANCE TEST. AFTER ELECTRICAL ENDURANCE, THE SWITCH CONTACT RESISTANCE SHALL NOT EXCEED 1x OF THE LOAD IMPEDANCE USING THE ELECTRICAL PARAMETERS OF THE ELECTRICAL ENDURANCE LOAD LEAD-WIRE AND CONNECTOR RESISTANCE = 050 Ω MAX

LIFE RATINGS ARE PER MIL-PRF-8805 REQUIREMENTS ACTUAL LIFE EXCEEDS RATED LIFE. CONTACT HONEYWELL-MICRO SWITCH FOR ADDITIONAL DATA

4 - CIRCUIT DIAGRAM, CATALOG LISTING, FED MFG CODE AND DATE CODE ARE SHOWN ON NAMEPLATE

HARDWARE MAY BE PACHAGED UNASSEMBLED PER MIL-PRF-8805 CONTACT HONEYWELL-MICRO SWITCH IF ADDITIONAL INFORMATION ON LOW ENERGY LOADS IS REQUIRED OR FOR HELP WITH SPECIFIC APPLICATION

SPECIFICATION DETAILS:	
STANDARD:	CONFORMS TO
	MS21321-1 (MIL- PRF-8805/39), EXCEPT AS NOTED
CONSTRUCTION:	
ENCLOSURE DESIGN	RESILIENT SEAL PER MIL - PRF -8805, SYMBOL 4
CONTACT MATERIAL & CONFIGURATION	SMOOTH GOLD CONTACTS
CIRCUIT CONFIGURATION	2 SPDT
TERMINATION	CONNECTOR PER MS27471Y9E35PN
WEIGHT	.20 LB MAX
EXPOSED METALS	CORROSION RESISTANT STAINILESS STEEL
O-RING MATERIAL	FLUOROSILICONE ELASTOMER
ELECTRICAL CHARACTERISTICS:	
ELECTRICAL RATINGS	VOLTAGE RESISTIVE LOAD INDUCTIVE
-SEA LEVEL -50,000 FEET	28 VDC 1 .5 28 VDC 1 .5
DIELECTRIC STRENGTH & INSULATION RESISTANCE	DIELECTRIC STRENGTH INSULATION RESISTANCE ≈ 60 Hz. FOR 5 SECONDS) (500 VDC ± 10%)
-BETWEEN TERMINALS AND EXPOSED NON-CURRENT CARRYING METAL	1000 V Rms, 500µ A (MAX. LEAKAGE) 1000 Megohms MIN
-BETWEEN TEMRINALS OF MUTUALLY INSULATED CIRCUITS	1000 V Rms, 500µ A (MAX. LEAKAGE) 1000 Megohms MIN
-BETWEEN ALL UNCONNECTED TERMINALS OF THE SAME POLE	1000 V Rms, 500µ A (MAX. LEAKAGE) 1000 Megohms MIN
SWITCH RESISTANCE	<u> </u>
RECOMMENDATION OR USE IN APPLICATIONS LESS THAN .5 amps AND/OR 12 volts	YES 📤
MECHANICAL CHARACTERISTICS:	
CHARACTERISTICS.	
OPERATING FORCE	6-12 LBS
FULL OVERTRAVEL FORCE	30 LB MAX
RELEASE FORCE	4 LB MIN
PRETRAVEL	.040 MAX
DIFFERENTIAL TRAVEL	.020 MAX
OVERTRAVEL	.250 MIN
COINDICENCE OF OPERATING & RELEASE POINTS	.010 OF PLUNGER TRAVEL
MOUNTING STRENGTH	15 IN-LBS
ACTUATOR STRENGTH	30 LBS APPLIED IN A DIRECTION TO CAUSE SWITCH ACTUATION
LIFE:	
MECHANICAL LIFE	25,000 MIN PER MIL-PRF-8805/40 /3\
ELECTRICAL LIFE AT FULL RATED LOAD	25,000 MIN PER MIL-PRF-8805/40 3
ENVIRONMENTAL:	
TEMPERATURE RANGE	-55 C TO +85 C
ALTITUDE RANGE	SEA LEVEL TO 50,000 FEET

402EN122-RB

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. CATALOG LISTING

MICRO SWITCH a Honeywell Division FED. MFG. CODE 91929

SHOCK

VIBRATION

THERMAL SHOCK

SALT SPRAY

MOISTURE RESISTANCE

SWITCH-ENCLOSED

ONE PLACE TWO PLACES (.00) ±.015 THREE PLACES (.000) \pm .005 402EN122-RB ANGLES WEIGHT

SCALE NONE

PER MIL-PRF-8805 SYMBOL M - 100 g

PER MIL-PRF-8805 (10 DAY TEST)

PER MIL-PRF-8805 (5 CYCLE TEST) PER MIL-PRF-8805 (96 HOUR TEST)

PER MIL-PRF-8805 SYMBOL 1 - 10-500 Hz & 10 g peak

THIRD ANGLE PROJECTION

DO NOT SCALE PRINT UNLESS OTHERWISE SPECIFIED TOLERANCES ARE

ANSI Y14.5M-1982 APPLIES

MASTER REDUCED

PR-REL PR-23746 J J A 18 NOV 98 B C094194

402EN122-RB

Mouser Electronics

Authorized Distributor

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

Honeywell: 402EN122-RB