

## FEATURES

- Small panel mounting pushwheel switches.
- Models available with ESD protection - consult factory
- Snap action detent with audible click
- Black housing and drum with white printing
- Gangable front mounting models with spacers and side covers
- Gold wiping action contacts
- PC board options include solderable lands


## PICO-D SPECIFICATIONS

Panel mounting hole:
Height
Width
Installed depth with pc board:
Short
Long
Insertion from front
Insertion from rear
CODES
Code
111 Decimal
131 BCD
137 BCD comp
301 Hexadecimal
307 Hexadec.Comp. 16 0-9, A-F(0-15)
400 change-over $10 \quad+,-,+,-$, etc..

## ELECTRICAL DATA

Operating voltage:
Contact load, static:
Contact load, dynamic:
Contact resistance (type AK):

## TECHNICAL DATA

Operating temperature range:
Electric life, min. switching cycles
Actuation force, approx (oz.):
Weight, approx. (grams):
Character height:
Audible click
Vibration DIN EN 60068-2-6
Shock DIN EN 60068-2-27
.590"(15mm)
.300"(7.62mm)
.945"(24mm)
1.358"(34.5mm)
yes
no
see truth tables
see truth tables
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40 V max.
0.5 A max.

100 mA max. less than 100 mOhm
$-20^{\circ} \mathrm{C}$ to $60^{\circ} \mathrm{C}$ 100,000
11
2
$\begin{array}{cc}10 \text { digit } & .122^{\prime \prime}(3.1 \mathrm{~mm}) \\ 16 \text { digit } & .094 "(2.4 \mathrm{~mm})\end{array}$
yes
yes
yes

MATERIALS

Body:

PC board:

Sliding contact:

PPO
FR 4 DIN 40802
IEC 249-2, Contact
surface gold over
nickel on copper
Gold over nickel on copper alloy

STANDARD COLORS
Housing,Drum, Printing 2 = black $3=$ white

Other special features are available upon request including:
Factory set stops
Red digits
Decimal point
Special codes or printing
Gray housing
See sockets at end of Pushwheel section.


APEM

## PICO-D SERIES SUBMINIATURE PUSHWHEEL SWITCHES

## PRINTED CIRCUIT OPTIONS

PC boards have .039" (1mm) holes and are suitable for soldering or socket connection (with the exception of LED illumination option).


AK short pc board


ALD long (interrupted) pc board
Dimensions are the same as AL.
Space allows customer to add resistors, diodes, etc.


AL long pc board for decimal version (solder terminal)


AL long pc board


ALU long pc board


LS pc board w/solder pins

Ordering information: Below is an order format that enables you to 'build your own switch' and specify the correct switch model number by simply selecting from available options shown and filling in the boxes. Consult factory for fully assembled switches.

## 'BUILD YOUR OWN SWITCH' ORDER FORMAT



Example of complete model no.: PICOD131AL2


