

## Pushwheel Switches, Front Mount

DPS9 and DPS10 dual pushbutton code switches have identical heights but differ in width. These switches provide silent, reliable state-of-the-art bi-directional operation and can directly retrofit common thumbwheel switches. The readout characters are up to 60% larger than those of comparable thumbwheels. DPS9 models have the popular .315" per section width, and DPS10 types are .395" wide.

A simple reliable dual pushbutton mechanism permits rapid change to a higher or a lower numerical setting. Gold clad wiping contacts provide dependable low-level operation and extended life expectancy. Snap-together modular design enables fast assembly hardware. Wheel markings are protected by a dust-sealed window.

### MATERIAL SPECIFICATIONS:

PC Board .....Glass epoxy type, FR4  
PC Terminal Spacing .....100" Centers on integral multiples  
Character Height/Color .....See below  
Housing .....Noryl-SE1, Black, matte finish

### TYPICAL PERFORMANCE CHARACTERISTICS:

Contact Rating .....0.4 VA @ 20 VDC or Peak AC  
Contact Circuit Resistance ...0.20 Ohm max.  
Mechanical Life .....More than 10<sup>6</sup> operations  
Operating Force .....Approx. 16 oz.

### ENVIRONMENTAL SPECIFICATIONS

Operating Temperature .....(-20°C to +80°C)

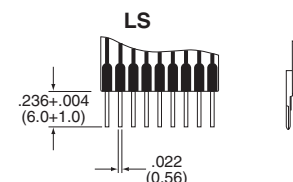
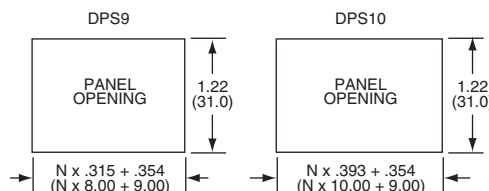
### ACCESSORIES

| DPS9 Model | DPS10 Model | Description                            |
|------------|-------------|----------------------------------------|
| DPS910A    | DPS910A     | Spacer, 0.1 inch                       |
|            | DPS10       | *Dummy switch (no electrical function) |
| DPS9L      | DPS10L      | Spacer, same width as switch           |
| **DPS910P  | **DPS910P   | End mounting plate pair                |
| B12L       | B12L        | Connector, 12 contacts, solder lugs    |
| B12LS      | B12LS       | Connector, 12 contacts, PC terminals   |
| SP1.5      | SP1.5       | Limit stop pin for 10 position switch  |

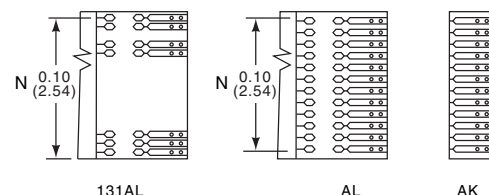
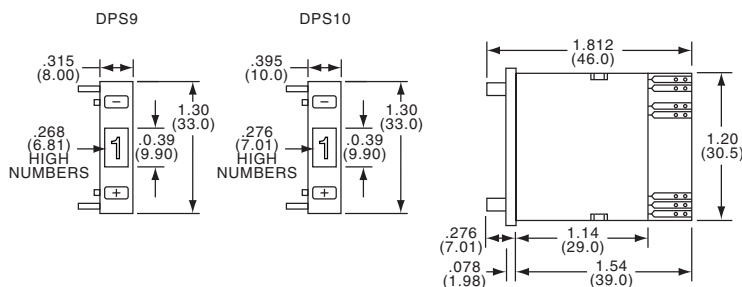
\* Indicates switch mechanically operable, optionally available with wheel in fixed position.; \*\* Indicates sold in pairs only.

## DPS9 - 131 - AK

| Series/types | Codes                | Connections     |
|--------------|----------------------|-----------------|
| DPS9         | 111 = Decimal        | AK = pcb short  |
| DPS10        | 131 = BCD            | AL = pcb long   |
|              | 137 = BCD Complement | LS = solder pin |
|              | 301 = Hexadecimal    |                 |



See Code Tables on Page J3



|                        |             |               |
|------------------------|-------------|---------------|
| Character height . . . | Model DPS9  | 10 digit .268 |
|                        |             | 16 digit .169 |
|                        | Model DPS10 | 10 digit .276 |
|                        |             | 16 digit .169 |