

VISHAY SERNICE “FAMILY OF THE MONTH”

P16 / PA16 / P16S / PA16S

P16 “the standard version” / “A” for all “AUDIO” applications / “S” for “SWITCH” option



DESIGN SUPPORT TOOLS

3D
Models
Available



RoHS
COMPLIANT

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FEATURES

- Test according to CECC 41000 or IEC 60393-1
- P16 & P16S - version for Military, professional and industrial applications (cermet) 1 W at 40 °C
- PA16 & PA16S - version for professional audio applications (conductive plastic) 0.5 W at 40 °C
- Compact (integrated)
- High dielectric strength: 2500 VRMS
- Detent and electric cut off at beginning of travel
- Fully sealed and panel sealed
- Metallic or plastic knob options
- Custom knob on request
- Material categorization: for definitions of compliance please see www.vishay.com/doc?99912

WHAT IT IS

The P16 is a revolutionary concept in panel mounted potentiometers. This unique design consists of a knob driving and incorporating a cermet potentiometer, and a switch option. Only the mounting hardware and terminals are situated on the back side of the panel reducing the required clearance to a minimum.

WHAT IT DOES:

Panel potentiometers are variable resistors that are manually actuated with an integrated knob. When rotated, the knob generates a change of the electrical output signal which is a function of the angular position.

KEY PARAMETERS:

- Very small overall dimensions with an integrated knob avoids searching and purchasing a separate button/knob
- Model sealed at level IP67
- Integrated switch option
- Knob material either metallic or plastic
- Custom knob upon request : Color, marking....
- Available taper : linear, logarithmic, and reverse log.
- Cable harness and connector upon request

TARGET MARKETS:

Medical / Audio / Industrial / Military.

VISHAY MARKET POSITION:

No competitors

APPLICATIONS/MARKET SEGMENTS (EXAMPLES):

Audio: Audio headset communication / Mixing tables / Amplifiers / Volume adjustment / Speaker adjustment ...

Medical: Electric wheelchair.

Military: Network communication systems / Audio Headsets / Night vision goggles / Walkie talkies.

Industrial: Remote controls / Hot air blowers / Spotlights for scenes / Air fan controls / Variable frequency drives.



**OUR GOAL: DESIGNING FOR YOU, THE PRODUCT THAT
WILL PERFECTLY FIT IN YOUR APPLICATION!**

THERE'S NOTHING PASSIVE ABOUT SERNICE