



New Markings for P16 Knob Potentiometers



Vishay’s P16 series of knob potentiometers is now available with several new knob markings: dot, line, gradient, 5 graduations, 10 graduations, fan, light, volume, and temperature. Combined with different knob colors, the series now offers a complete range of devices. The P16 series is ideal for applications in tough working conditions — including environments where dust, liquid, and other types of pollution are present — where a compact footprint is required.

SPECIAL NUMBER	MARKING	EXAMPLE IMAGES		AVAILABILITY FOR PLASTIC KNOB	AVAILABILITY FOR METALLIC KNOB
-	Dot (standard marking)			Yes	Yes
F1	Line			Yes	Yes
F2	10 graduations			Yes	Yes
F3	5 graduations			Yes	Yes
F4	Gradient (on request for plastic knob)			On request	Yes
F5	Light (on request for plastic knob)			On request	Yes
F6	Fan (on request for plastic knob)			On request	Yes
F7	Temperature (on request for plastic knob)			On request	Yes
F8	Volume (on request for plastic knob)			On request	Yes
(Special code)	Other markings on demand			On request	On request



The DNA of tech.™



The majority of the standard panel potentiometers shown are available off the shelf from our distributors. For customers who will need a customized solution, our standard device portfolio is the ideal starting point for preliminary tests.

For a customized solution, we can provide a wide range of variants. These include features such as dedicated useful electrical travel and total electrical travel; multiple electrical laws (linear, logarithmic, reverse logarithmic); switch; cabling; sealed terminations (cable integrated); reinforced traceability (up to 30 years); and customer-specified wires and connectors.



Key Advantages

- ✓ Compact (knob integrated)
- ✓ Ease of assembly: front mounting
- ✓ Waterproof
- ✓ High dielectric strength
- ✓ Metallic, plastic knob with several knob colors & markings available
- ✓ Optional on / off switch with detent at the beginning of travel (P16S)
- ✓ Custom versions available

Main Features

- ✓ Integrated knob
- ✓ Fully sealed and panel sealed
- ✓ Cycle life: 50 k cycles
- ✓ Power rating of 1 W @ 40 °C
- ✓ Temperature range from -40 °C to +125 °C
- ✓ High dielectric strength: 2500 VRMS
- ✓ Environmental friendly: lead (Pb)-free, RoHS-compliant

Key Applications

- ✓ Industrial: air fan controls / lighting / variable frequency drives / welding equipment / remote controls
- ✓ Audio: audio headset communication / mixing tables / amplifier adjustment / speaker settings
- ✓ Medical: electric wheelchairs
- ✓ AMS: audio headsets / night vision goggles / walkie talkies

Contact Information

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Useful Links

- [P16, PA16](#)
- [P16S, PA16S](#)
- [Customization capabilities](#)
- [Infographic P16](#)