

# VISHAY/SFERNICE Potentiometers

## VISHAY/SFERNICE SUBMERSIBLE TO 100 FEET (30M) CERMET POTENTIOMETER, SERIES P13SM

### Specifications:

- Electrical travel: 270° ±10°
- Resistance range - Linear: 22Ω - 10MΩ, Logarithmic: 1kΩ - 2.2MΩ
- Power rating - Linear: 0.75W at 70°C, Logarithmic: 1.5W at 70°C
- Standard tolerance: 20%

### Features:

- High power rating 1.5W at 70°C
- Stainless steel shaft and bushing to endure sea salt water immersion
- Fully sealed IP68 on panel
- Tight temperature coefficient (75ppm/°C typical)



RoHS Compliant

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Vishay Part No.	Fig.	Resist. Values (Ω)	Shaft Length (L)(mm)	Price Each			
					1	5	10	20
72-P13SMNFGS472MA	P13SMNFGS472MA	A	4.7	16	41.20	39.14	37.08	34.24
72-P13SMNFGS471MA	P13SMNFGS471MA	A	470	16	41.20	39.14	37.08	34.24
72-P13SMNFLS471MA	P13SMNFLS471MA	A	470	25	41.20	39.14	37.08	34.24
72-P13SMNFRS471MA	P13SMNFRS471MA	A	470	50	41.20	39.14	37.08	34.24
72-P13SMNFGS102MA	P13SMNFGS102MA	A	1K	16	41.20	39.14	37.08	34.24
72-P13SMNFLS102MA	P13SMNFLS102MA	A	1K	25	41.20	39.14	37.08	34.24
72-P13SMNFRS102MA	P13SMNFRS102MA	A	1K	50	41.20	39.14	37.08	34.24
72-P13SMNFGS472MA	P13SMNFGS472MA	A	4.7K	25	41.20	39.14	37.08	34.24
72-P13SMNFRS472MA	P13SMNFRS472MA	A	4.7K	50	41.20	39.14	37.08	34.24
72-P13SMNFGS103MA	P13SMNFGS103MA	A	10K	16	41.20	39.14	37.08	34.24
72-P13SMNFRS103MA	P13SMNFRS103MA	A	10K	25	41.20	39.14	37.08	34.24
72-P13SMNFGS473MA	P13SMNFGS473MA	A	47K	16	41.20	39.14	37.08	34.24
72-P13SMNFRS473MA	P13SMNFRS473MA	A	47K	25	41.20	39.14	37.08	34.24
72-P13SMNFRS473MA	P13SMNFRS473MA	A	47K	50	41.20	39.14	37.08	34.24

## VISHAY/SFERNICE FULLY SEALED CONTAINER CERMET POTENTIOMETER, SERIES PE30

### Specifications:

- Electrical travel: 270° ±10°
- Resistance range - Linear: 22Ω - 10MΩ, Logarithmic: 100Ω - 2.2MΩ
- Power rating - Linear: 3W at 70°C, Logarithmic: 1.5W at 70°C
- Standard tolerance: 20%

### Features:

- 3W at 70°C
- Low temperature coefficient (100ppm/°C typical)
- Full sealing
- Mechanical strength
- Use of faston 2.86 connections
- Tests according to CECC 41 000
- Military and professional grade



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Vishay Part No.	Fig.	Resist. Values (Ω)	Shaft Length (L)(mm)	Price Each			
					1	5	10	20
72-PE30LOFG102MAB	PE30LOFG102MAB	B	1K	16	19.74	18.75	17.76	16.40
72-PE30LOFL102MAB	PE30LOFL102MAB	B	1K	25	19.74	18.75	17.76	16.40
72-PE30LOFL102MAB	PE30LOFL102MAB	B	1K	25	19.74	18.75	17.76	16.40
72-PE30LOFL472MAB	PE30LOFL472MAB	B	4.7K	25	19.74	18.75	17.76	16.40
72-PE30LOFL103MAB	PE30LOFL103MAB	B	10K	25	19.74	18.75	17.76	16.40

## VISHAY/SFERNICE KNOB POTENTIOMETERS, MODEL P16S/P16/PA16

### Features:

- High dielectric strength: 2500VRMS
- Fully sealed and panel sealed
- Cermet or conductive plastic



P16S



P16, PA16



RoHS Compliant

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Vishay Part No.	Fig.	Resistance Values (Ω)	Max. Power @ +40°C (W)	Maximum Current Through Wiper Im(mA)	Price Each				
						1	25	50	100	
<b>P16S Series with Switch</b>										
72-P16SNP101MAB15	P16SNP101MAB15	C	100	1	100	11.14	10.86	8.63	8.50	
72-P16SNP471MAB15	P16SNP471MAB15	C	470	1	46.1	11.14	10.86	8.63	8.50	
72-P16SNP102MAB15	P16SNP102MAB15	C	1K	0.5	31.6	11.14	10.86	8.63	8.50	
72-P16SNP472MAB15	P16SNP472MAB15	C	4.7K	0.5	14.58	11.14	10.86	8.63	8.50	
72-P16SNP103MAB15	P16SNP103MAB15	C	10K	0.5	10	11.14	10.86	8.63	8.50	
72-P16SNP223MAB15	P16SNP223MAB15	C	22K	0.5	6.74	11.14	10.86	8.63	8.50	
72-P16SNP473MAB15	P16SNP473MAB15	C	47K	0.5	4.61	11.14	10.86	8.63	8.50	
72-P16SNP104MAB15	P16SNP104MAB15	C	100K	0.5	3.16	11.14	10.86	8.63	8.50	
<b>P16 Series</b>										
72-P16NP101MAB15	P16NP101MAB15	D	100	1	100	11.40	9.91	8.78	7.24	
72-P16NP471MAB15	P16NP471MAB15	D	470	1	46.1	11.40	9.91	8.78	7.24	
72-P16NP102MAB15	P16NP102MAB15	D	1K	.5	31.6	11.40	9.91	8.78	7.24	
72-P16NP222MAB15	P16NP222MAB15	D	2.2K	.5	21.32	11.74	10.24	9.04	7.82	
72-P16NP472MAB15	P16NP472MAB15	D	4.7K	.5	14.58	11.74	10.40	9.04	7.82	
72-P16NP103MAB15	P16NP103MAB15	D	10K	.5	10	11.40	9.91	8.78	7.24	
72-P16NP223MAB15	P16NP223MAB15	D	22K	.5	6.74	11.40	9.91	8.78	7.24	
72-P16NP473MAB15	P16NP473MAB15	D	47K	.5	4.61	11.40	9.91	8.78	7.24	
72-P16NP104MAB15	P16NP104MAB15	D	100K	.5	3.16	11.40	9.91	8.78	7.24	
72-P16NP474MAB15	P16NP474MAB15	D	470K	.26	0.75	11.40	9.91	8.78	7.24	
72-P16NP105MAB15	P16NP105MAB15	D	1M	.12	0.35	11.74	10.46	9.04	7.82	
<b>PA16 Series For Audio Applications</b>										
72-PA16NP102MAB15	PA16NP102MAB15	D	1K	.5	22.4	20.76	16.72	13.36	12.26	
72-PA16NP103MAB15	PA16NP103MAB15	D	10K	.5	7.07	23.46	18.89	15.09	13.86	
72-PA16NP223MAB15	PA16NP223MAB15	D	22K	.5	4.77	20.76	16.72	13.36	12.26	
72-PA16NP473MAB15	PA16NP473MAB15	D	47K	.5	3.26	20.76	16.72	13.36	12.26	
72-PA16NP104MAB15	PA16NP104MAB15	D	100K	.5	2.24	20.76	16.72	13.36	12.26	
72-PA16NP474MAB15	PA16NP474MAB15	D	470K	.26	0.74	20.76	16.72	13.36	12.26	

## VISHAY/SFERNICE 9MM GANG TO MULTI-GANG POTENTIOMETER, P9A SERIES - CONDUCTIVE PLASTIC

### Electrical Specifications:

- Electrical travel: 270° ±10°
- Resistance range - linear: 1KΩ - 1MΩ, Non-linear: 2KΩ - 500KΩ
- Standard tolerance: ±20%, On Request: ±10%
- Power rating at 70°C - Linear: .1W, Non-Linear: .05W
- Multiple assem. Linear: .05W/module
- Multiple assem. Non-Linear: .025W/module

### Features:

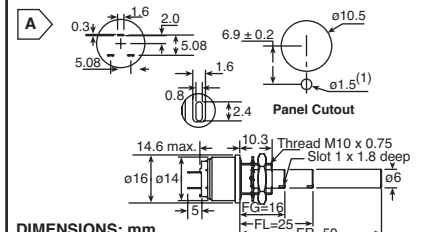
- Conductive plastic element made for excellent quality
- Professional audio and video applications
- Shaft: Dia: 6mm, Length: 20mm slotted
- Ultra compact (Extra miniature module size)
- Multiple assemblies (up to seven modules)
- Shaft and panel sealed option
- Center mechanical detent fully integrated in option
- Center tap option
- Custom designs available on request



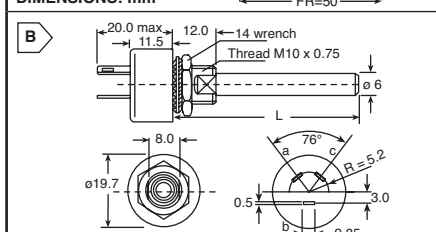
RoHS Compliant

For quantities greater than listed, call for quote.

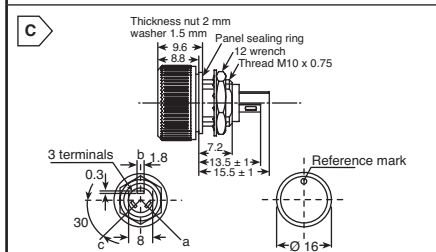
MOUSER STOCK NO.	Vishay Part No.	Fig.	Resistance Values (Ω)	Price Each			
				1	25	50	100
<b>Single Gang Conductive Plastic Linear</b>							
72-P9A1RFISX1BB2102M	P9A1RFISX1BB2102MA	E	1K	3.64	3.32	3.21	2.79
72-P9A1RFISX1BB2103M	P9A1RFISX1BB2103MA	E	10K	6.99	6.43	6.17	5.40
<b>Dual Gang Conductive Plastic Linear</b>							
72-P9A2RFISX1BB2102M	P9A2RFISX1BB2102MA	E	1K/1K	9.69	8.91	8.72	7.75
72-P9A2RFISX1BB2103M	P9A2RFISX1BB2103MA	E	10K/10K	10.28	9.46	9.26	8.23
72-P9A2RFISX1BB2503M	P9A2RFISX1BB2503MA	E	50K/50K	9.69	8.91	8.72	7.75



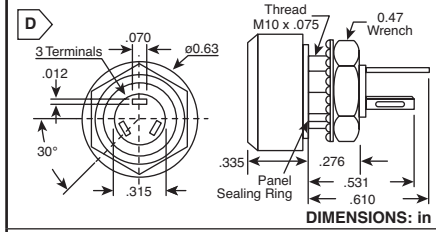
DIMENSIONS: mm



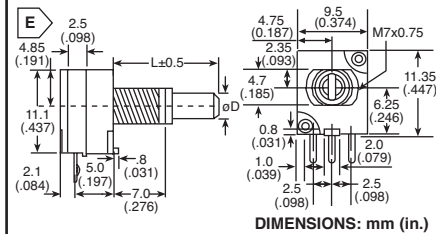
DIMENSIONS: mm



DIMENSIONS: mm



DIMENSIONS: in



DIMENSIONS: mm (in.)