

Control Knobs for Panel Potentiometers



LINKS TO ADDITIONAL RESOURCES



FEATURES

RoHS

- Large knob diameter range
- Designed to provide good grip for bare hands or gloves
- With lateral screw fixing
- · Plastic or aluminum material
- Custom metallic knob on request (shape, marking, color, and hole for shaft diameter)
- Material categorization: for definitions of compliance please see www.vishay.com/doc?99912

Control knobs suited for panel potentiometers, encoders and rotary switches. Whether the user wears gloves or operates with bare hands, the knob's haptic structure and pleasant grip surface reliably apply the necessary torque to the potentiometer shaft across all application situations.

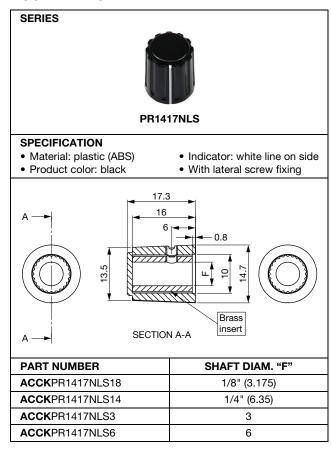
CONTROL KNOB INDEX									
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ROUND RANGE									
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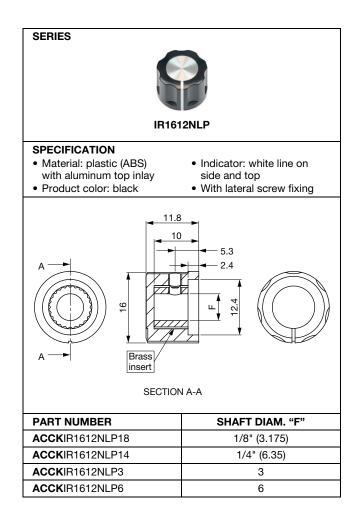
For "Quick Search / Available Series" table see page 12



PLASTIC CONTROL KNOBS

ROUND RANGE











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SERIES

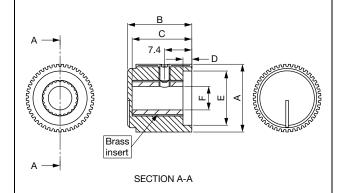




PR1817NLT

PR1417NLT

- Material: plastic (ABS)
- Indicator: white line on top
- Product color: black
- With lateral screw fixing



	DIMENSIONS in millimeters							
PART NUMBER	SHAFT DIAM. "F"	A	В	O	D	ш		
ACCKPR1817NLT18	1/8" (3.175)							
ACCKPR1817NLT14	1/4" (6.35)	18.4	17.4	16.2	2.4	14.7		
ACCKPR1817NLT3	3							
ACCKPR1817NLT6	6							
ACCKPR1417T18	1/8" (3.175)							
ACCKPR1417NLT14	1/4" (6.35)	13.8	16.6	14.6	0	9.5		
ACCKPR1417T3	3							
ACCKPR1417NLT6	6							



PLASTIC CONTROL KNOBS

SKIRTED RANGE

SERIES



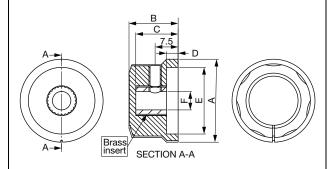


IS2716NLD

IS2012NLD

SPECIFICATION

- Material: plastic (ABS) with aluminum top inlay
- Product color: black
- Indicator: white line on side, top, and skirt
- With lateral screw fixing



	DIMENSIONS in millimeters							
PART NUMBER	SHAFT DIAM. "F"	A	В	С	D	Е		
ACCKIS2716NLD18	1/8" (3.175)	27	10	13.8	3.8	0.1		
ACCKIS2716NLD14	1/4" (6.35)		16			21.7		
ACCKIS2716NLD6	6							
ACCKIS2012NLD18	1/8" (3.175)							
ACCKIS2012NLD14	1/4" (6.35)	20	12	10	1.8	13.8		
ACCKIS2012NLD3	3							
ACCKIS2012NLD6	6							

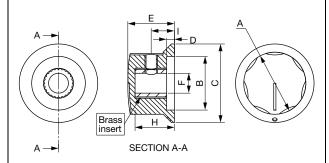




PS2015NLR

PS1412NLR

- Material: plastic (ABS)
- Product color: black
- Indicator: white line on top, and skirt
- With lateral screw fixing



	D	IME	NSIO	NS ir	n mi	llimet	ers												
PART NUMBER	SHAFT DIAM. "F"	Α	В	С	D	E	Н	I											
ACCKPS2015NLR18	1/8" (3.175)					15	12.7	7											
ACCKPS2015NLR14	1/4" (6.35)	20	17.3	25.3	1.5														
ACCKPS2015NLR3	3												3						
ACCKPS2015NLR6	6																		
ACCKPS1412NLR18	1/8" (3.175)					12.3	10	5.5											
ACCKPS1412NLR14	1/4" (6.35)	14.3	13.8	19	2.5														
ACCKPS1412NLR3	3																		
ACCKPS1412NLR6	6																		



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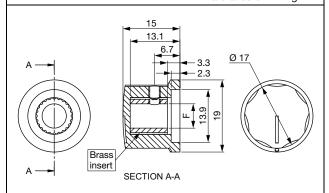
SERIES



PS1715NLT

SPECIFICATION

- Material: plastic (ABS)
- Product color: black
- Indicator: white line on top and dot on skirt
- With lateral screw fixing



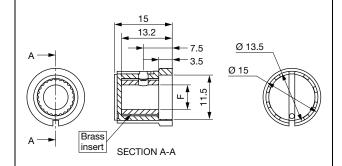
PART NUMBER	SHAFT DIAM. "F"
ACCKPS1715NLT18	1/8" (3.175)
ACCKPS1715NLT14	1/4" (6.35)
ACCKPS1715NLT3	3
ACCKPS1715NLT6	6

SERIES



PS1515NDT

- Material: plastic (ABS)
- Product color: black
- Indicator: white dot on top
- With lateral screw fixing

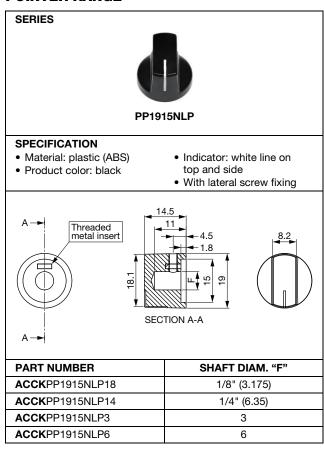


	DIMENSIONS in millimeters						
PART NUMBER	SHAFT DIAM. "F"	Α	В	С	D	Е	
ACCKPS1515NDT18	1/8" (3.175)				7.5		
ACCKPS1515NDT14	1/4" (6.35)	15	15	13.2		11.5	
ACCKPS1515NDT3	3						
ACCKPS1515NDT6	6						



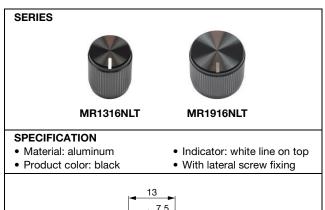
PLASTIC CONTROL KNOBS

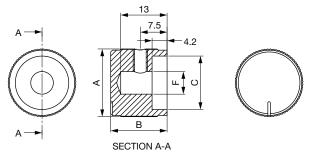
POINTER RANGE



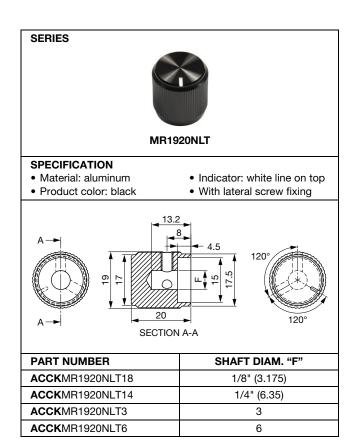


ROUND RANGE





	DIMENSIONS in millimeters						
PART NUMBER	SHAFT DIAM. "F"	Α	В	С			
ACCKMR1316NLT18	1/8" (3.175)						
ACCKMR1316NLT14	1/4" (6.35)	12.8	15.8	9.5			
ACCKMR1316NLT3	3						
ACCKMR1316NLT6	6						
ACCKMR1916NLT18	1/8" (3.175)						
ACCKMR1916NLT14	1/4" (6.35)	19	15.8	15			
ACCKMR1916NLT3	3						
ACCKMR1916NLT6	6						



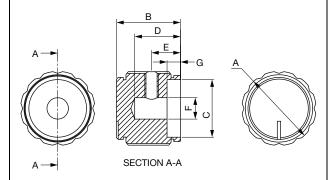








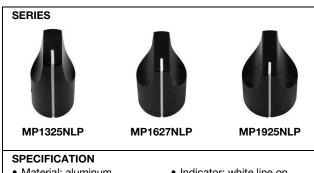
- Material: aluminum
- Indicator: white line on top
- Product color: black
 With lateral screw fixing



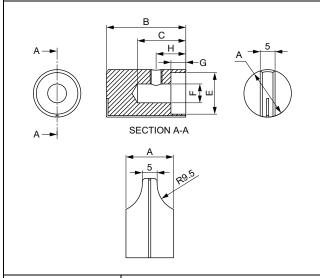
	DIMENSIONS in millimeters							
PART NUMBER	SHAFT DIAM. "F"	Α	В	С	D	E	G	
ACCKMR1617NLT18	1/8" (3.175)							
ACCKMR1617NLT14	1/4" (6.35)	15.5	16.5	13.5	14.5	8.4	4.5	
ACCKMR1617NLT3	3							
ACCKMR1617NLT6	6							
ACCKMR2020NLT18	1/8" (3.175)			17.5	15	9.1		
ACCKMR2020NLT14	1/4" (6.35)	20	19.5				5.5	
ACCKMR2020NLT3	3							
ACCKMR2020NLT6	6							
ACCKMR2219NLT18	1/8" (3.175)							
ACCKMR2219NLT14	1/4" (6.35)	22	19	19.6	13.6	8.6	4	
ACCKMR2219NLT3	3							
ACCKMR2219NLT6	6							
ACCKMR3022NLT14	1/4" (6.35)	29.7	22	28	11.6	8	4.2	
ACCKMR3022NLT6	6							



POINTER RANGE



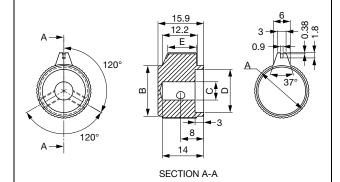
- Material: aluminum
- Product color: black
- Indicator: white line on top and side
- With lateral screw fixing



	DIMENSIONS in millimeters							
PART NUMBER	SHAFT DIAM. "F"	Α	В	С	E	G	Н	
ACCKMP1325NLP18	1/8" (3.175)							
ACCKMP1325NLP14	1/4" (6.35)	12.7	25.4	13	9.5	4.5	7.5	
ACCKMP1325NLP3	3							
ACCKMP1325NLP6	6							
ACCKMP1627NLP18	1/8" (3.175)							
ACCKMP1627NLP14	1/4" (6.35)	16	26.7	16.3	14.1	5	10.5	
ACCKMP1627NLP3	3							
ACCKMP1627NLP6	6							
ACCKMP1925NLP18	1/8" (3.175)							
ACCKMP1925NLP14	1/4" (6.35)	19	25.4	13	15	4.5	7.5	
ACCKMP1925NLP3	3							
ACCKMP1925NLP6	6							



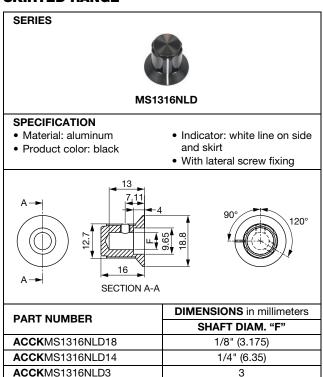
- Material: aluminum
- Product color: black
- Indicator: white line on side
- With lateral screw fixing

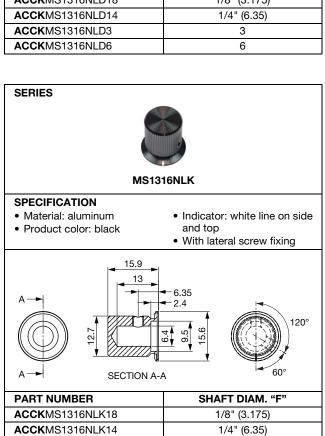


	DIMENSIONS in millimeters							
PART NUMBER	SHAFT DIAM. "F"	А	В	С	D	E		
ACCKMP1316NLS18	1/8" (3.175)							
ACCKMP1316NLS14	1/4" (6.35)	12.7	11.3	6.4	9.5	9		
ACCKMP1316NLS3	3							
ACCKMP1316NLS6	6							
ACCKMP1916NLS18	1/8" (3.175)							
ACCKMP1916NLS14	1/4" (6.35)	19	17.6	6.4	15	10		
ACCKMP1916NLS3	3							
ACCKMP1916NLS6	6							
ACCKMP2416NLS18	1/8" (3.175)							
ACCKMP2416NLS14	1/4" (6.35)	23.8	22.4	3.2	17.6	9.5		
ACCKMP2416NLS6	6							



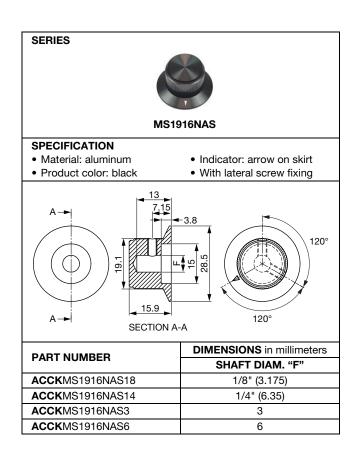
SKIRTED RANGE





ACCKMS1316NLK3

ACCKMS1316NLK6



3

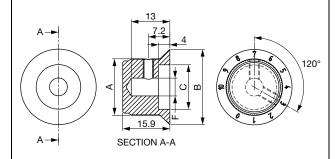
6



SKIRTED RANGE



- Material: aluminum
- · Product color: black • With lateral screw fixing



	DIN	MENSIONS	in millime	ters
PART NUMBER	SHAFT DIAM. "F"	A	В	O
ACCKMS1316NGJ18	1/8" (3.175)			
ACCKMS1316NGJ14	1/4" (6.35)	12.7	17.5	9.5
ACCKMS1316NGJ3	3			
ACCKMS1316NGJ6	6			
ACCKMS1916NGJ18	1/8" (3.175)			
ACCKMS1916NGJ14	1/4" (6.35)	19.1	25.4	15
ACCKMS1916NGJ3	3			
ACCKMS1916NGJ6	6			





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QUICK SE	ARCI			RIES	3	1				1	
SERIES			IAMETER	1	DIAMETER	HEIGHT	IMAGE	MATERIAL	DANCE	COLOR	INDICATOR
SENIES	3 mm	1/4" (6.35 mm)	1/8" (3.175 mm)	6 mm	(mm)	(mm)	IWAGE	WA I ENIAL	HANGE	COLOR	INDICATOR
MS1316NLD	√	√	√	√	12.7	16		Aluminum	Skirted	Black	Line on side and skirt
MP1316NLS	√	√	√	✓	12.7	15.9		Aluminum	Pointer	Black	Line on side
MS1316NLK	√	✓	√	√	12.7	15.9		Aluminum	Skirted	Black	Line on skirt
MS1316NGJ	√	√	√	√	12.7	15.9		Aluminum	Skirted	Black	Graduation to 10
MP1325NLP	√	√	√	√	12.7	25.4	•	Aluminum	Pointer	Black	Line on top and side
MR1316NLT	√	√	√	√	12.8	15.8		Aluminum	Round	Black	Line on top
PR1417NLS	√	√	√	√	13.5	17.3		ABS	Round	Black	Line on side
PR1417NLT		√	√	√	13.8	16.6		ABS	Round	Black	Line on top
PS1412NLR	√	√	✓	√	14.3	12.3		ABS	Skirted	Black	Line on top and skirt
PS1515NDT	√	√	√	√	15	15		ABS	Skirted	Black	Dot on top
MR1617NLT	√	✓	√	√	15.5	16.5		Aluminum	Round	Black	Line on top





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QUICK SEARCH / AVAILABLE SERIES											
SHAFT DIAMETER					DIAMETER HEIGHT					00:	111111111111111111111111111111111111111
SERIES	3 mm	1/4" (6.35 mm)	1/8" (3.175 mm)	6 mm		(mm)	IMAGE	MATERIAL	RANGE	COLOR	INDICATOR
IR1612NLP	✓	✓	√	√	16	11.8		ABS	Round	Black	Line on top and side
MP1627NLP	✓	✓	√	√	16	26.7	•	Aluminum	Pointer	Black	Line on top and side
PS1715NLT	√	√	√	✓	16.6	15		ABS	Skirted	Black	Line on top
PR1817NLT	√	√	√	✓	18.4	17.4		ABS	Round	Black	Line on top
PP1915NLP	√	√	√	√	19	14.5		ABS	Pointer	Black	Line on top and side
MR1916NLT	√	√	√	√	19	15.8		Aluminum	Round	Black	Line on top
MP1916NLS	✓	✓	√	✓	19	15.9		Aluminum	Pointer	Black	Line on side
MR1920NLT	✓	√	√	✓	19	20		Aluminum	Round	Black	Line on top
MP1925NLP	✓	√	√	√	19	25.4	•	Aluminum	Pointer	Black	Line on top and side
MR1916NGJ	√	√	√	√	19.1	15.9		Aluminum	Round	Black	Graduation to 10
MS1916NAS	√	√	√	√	19.1	15.9		Aluminum	Skirted	Black	Arrow on skirt

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QUICK SEARCH / AVAILABLE SERIES SHAFT DIAMETER											
SERIES	3 mm	1/4"	1/8" (3.175 mm)	6 mm	DIAMETER (mm)	HEIGHT (mm)	IMAGE	MATERIAL	RANGE	COLOR	INDICATOR
IS2012NLD	√	✓	√	√	20	12		ABS	Skirted	Black	Line on side and skirt
PS2015NLR	✓	✓	√	✓	20	15		ABS	Skirted	Black	Line on top and skirt
MR2020NLT	√	√	✓	√	20	19.5		Aluminum	Round	Black	Line on top
MR2219NLT	√	√	√	√	22	19		Aluminum	Round	Black	Line on top
MP2416NLS		√	√	√	23.8	15.9		Aluminum	Pointer	Black	Line on side
IS2716NLD		√	√	√	27	16		ABS	Skirted	Black	Line on side and skirt
MR3022NLT		√		✓	29.7	22		Aluminum	Round	Black	Line on top

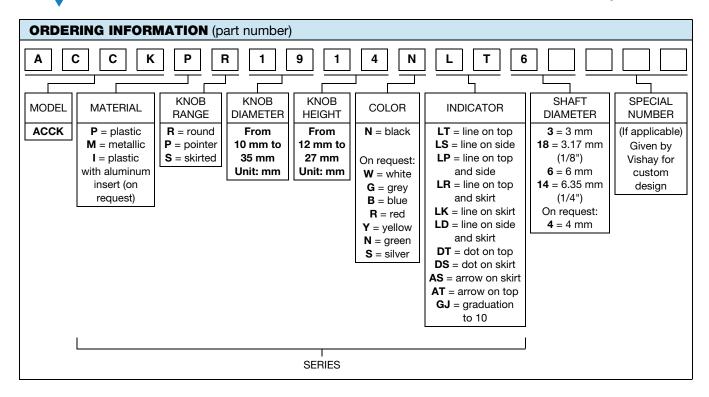
MECHANICAL SPECIFICATIONS					
Locking system	Lateral screw fixing				
Knob hole shape for the shaft	Round				
Plastic knob material	ABS				
Metallic knob material	Aluminum				

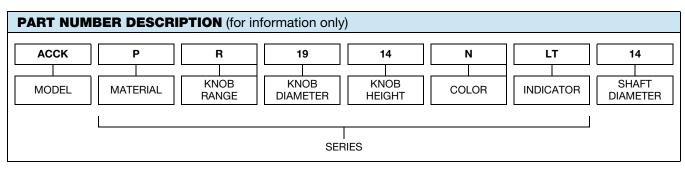
Notes

- For control knob customization need, knob shape, marking, color, and hole of the shaft diameter can be customized on metallic versions to meet customer requirements. For plastic knobs, only the markings and knob color can be customized to meet customer requirements.
- For knobs compatibilities with panel potentiometers portfolio: refer to application note "Control Knobs" www.vishay.com/doc?51104
- Nothing stated herein shall be construed as a guarantee of quality or durability

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RELATED DOCUMENTS	
APPLICATION NOTES	
Control Knobs	www.vishay.com/doc?51104
Potentiometers and Trimmers	www.vishay.com/doc?51001
Guidelines for Vishay Sfernice Resistive and Inductive Components	www.vishay.com/doc?52029
OTHER	•
Link to Panel Potentiometers Portfolio	www.vishay.com/en/potentiometers/



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