

Mechanical Specifications	MUP1300	MUP1350
Mechanical angle	320° ±5° (270° ±5°)	
max. rotational speed	10 rpm	
Life expectancy (turns)	400.000	
Bearing	sleeve bearing	
Starting torque	0,2 Ncm	
Stopper strength	60 Ncm	
max. torque for fastening the mounting nut	100 Ncm	
Environmental Specifications and Materials		
Housing material	glas fiberfilled plastic (PBT)	
Shaft material	stainless steel	
Terminals	gold plated solder lugs	
Mounting material (included in delivery)	nut, inner teeth washer	
Operating temperature	-55°C .. +105°C	
Protection grade of the shaft (optional)	IP65	
Weight	25 g	

Options and Order Descriptions											
Description	Options										
	Series										
Wirewound potetiometer with stop	MUP1300										
Wirewound potetiometer with stop tighter tolerances	MUP1350										
Res. value 100, 200, 500, 1k, 2k, 5k, 10k [Ohm]		R1k									
Rear shaft length (standard 10 mm)			RA10								
Rear shaft diameter (standard 3 mm)				RDM3							
Resistance tolerance MUP 1300					W10%						
Resistance tolerance MUP 1350					W5%						
Linearity tolerance MUP1300						L1%					
Linearity tolerance MUP1350						L0,5%					
Center tap voltage type (current type on requ.)							CT				
Shaft length (standard 22 mm)								A22			
Shaft diameter (standard 6 mm)									DM6		
Screw driver slot										B	
Sealing ring											D
Ordering example* (standard)	MUP1300	R1k			W10%	L1%		A22	DM6		
Ordering example* (special version)	MUP1300	R1k	RA10	RADM3	W10%	L1%	CT	A20	DM5	B	D

Example* (standard type): MUP1300 resistance value 1kOhm, resistance tolerance 10%, linearity tolerance 1%, shaft length 22 mm, shaft diameter 6 mm

Example** (special version): MUP1300 resistance value 1kOhm, rear shaft length 10mm, rear shaft diameter 3 mm, resistance tolerance 10%, linearity tolerance 1%, center tap voltage type, front shaft length 20mm, front shaft diameter 5 mm, screw driver slot, sealing ring in the bushing.

Preference types underlined (available from stock)

Please ask for more options

A wide range of options on request, for a reasonable price also for small quantities

Special shape of the bushing, special shaft (shape, flat, length, diameter, etc.), sealing ring for increasing the operational torque, pilot ring, special resistance values. Assembling of cables and connectors, tandem- and triple-version.

Please note

All the specifications and information in this datasheet can not consider the special demands that are caused by the application. Because of this, they are no general descripton of the properties of the product. Please consider also our detail specifications.

