



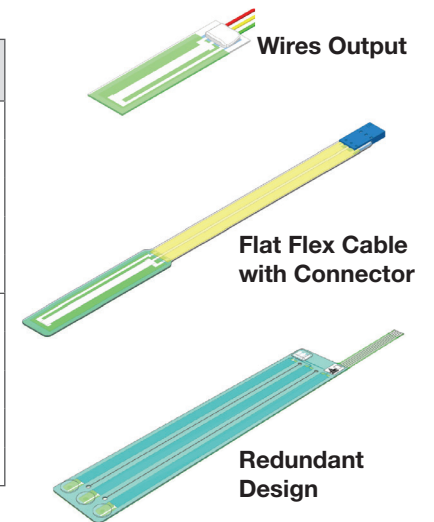
CAPABILITIES AND CUSTOM OPTIONS

ULTRA FLAT POTENTIOMETERS

Features	Advantages
Sealed	Totally waterproof
Ultra thin	More compact than usual motion sensors (thickness about 0.5 mm)
Adhesive layer	Ease of assembly
Endurance life = up to 25 M cycles	Better than competitors
Customization UIPMA UIPMC	Connector with flat flex cable, wires, and contacts
Customization with same technology	Enhanced temperature range and outdoor design for harsh conditions
Various electrical travel	From 50 mm to 250 mm

CUSTOMIZATION UIPMA / UIPMC

Electrical, mechanical and performances	Series
Total resistance: 4.7 k Ω \pm 30 %	UIPMA
Useful electrical travel: from 48 mm to 248 mm	
Linearity: \pm 2 %	
Life: 3 M cycles	
Operating temperature range: -10 °C to +50 °C	UIPMC
Total resistance: 10 k Ω \pm 30 %	
Useful electrical travel: 306°	
Life: 3 M cycles	
Operating temperature range: -10 °C to +50 °C	



SPECIALTY DEVICES

Solutions	Series
Linear position sensor – industrial design	UIPMA
Rotational position sensor – industrial design	UIPMC
Linear position sensor – enhanced temperature range	UFPMA
Rotational position sensor – enhanced temperature range	UFPMC

CUSTOMIZATION UFPMA / UFPMC

Electrical, mechanical, and performances	Series
Total resistance: 4.7 k Ω \pm 20 %	UFPMA
Useful electrical travel: from 50 mm to 250 mm	
Linearity: \pm 2 % (\pm 1 % on request)	
Life: 15 M cycles	
Operating temperature range: -30 °C to +80 °C	UFPMC
Total resistance: 4.7 k Ω \pm 20 %	
Useful electrical travel: 270°	
Life: 10 M cycles	
Operating temperature range: -30 °C to +80 °C	