



The DNA of tech.®

CAPABILITIES AND CUSTOM OPTIONS

KNOW MORE ABOUT THE P11 SERIES

STANDARD OPTIONS		
Option	Description	Comments
Resistive module	20 Ω up to 10 M Ω	Up to 7 resistive modules in one P11
Electrical laws (tapers)	Up to 6 different tapers	Most common : linear, log, and reverse log
Rotary switch	2 or 3 outputs	Change of status at beginning or end of travel
Push push switch	2 stable status	Change of status when pushing the shaft
Momentary push switch	Only one stable status	Change of status when pushing the shaft
Various bushing types	Up to 8 different options (L / $\varnothing$)	Various diameters and length combinations
Various shaft designs	Up to 20 available designs (L / $\varnothing$)	Lengths, diameters, machining + custom models
Concentric shafts	2 shafts with different diameters	Each shaft actuates different resistive modules
Locking shaft	Prevents shaft rotation	Lock the shaft inside the bushing with a nut
Locating PEG	Without or with: 3 designs	Prevents the P11 from rotating when being mounted on the front panel (custom locating peg on request)
Output types	Pins or solder lugs	Pins for PCB mounting / solder lugs for wires
Sealing level	IP64	Optional : additional panel and shaft sealing (custom O-ring or sealing washer on request)
Detent modules	Higher rotating torque in certain positions	CW / CCW / Central / up to 21 detents
Linearity / conformity	Tighter conformity upon request	For applications requiring a higher accuracy
Interlinearity	Tighter linearity between 2 modules	For redundancy applications: security purposes
Center tap	Additional 4 th pin	Short circuit connected to the middle of the track

Custom Options





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OTHER POSSIBLE CUSTOMIZATION (on request)	
Option	Description / Comments
Special marking	Custom marking can be added on housing
Reinforced traceability	Up to 30-year traceability
	Specific marking to identify the number of the manufacturing batch
Fully Sealed	To reach IP67 sealing level
Terminations sealed	Potting matter can be added to terminations to seal them and to be mechanically reinforced
Wire, connector, PCB, protection housing	Wire, connector, PCB and/or protection housing can be added to the potentiometer to precisely fit customer requirements
Reinforced potentiometer body	Two rivets can be added to mechanically reinforce potentiometer body
Custom mounting system	Any customer mounting system can be added to potentiometer to improve assembly in the field
Special mechanical travel	Mechanical travel of the potentiometer can be adapted to suit customer requirements. For instance, 90°, 180°, 225°, 260°, 270°, ...
Special torque, tactile feedback	Customizable with specific rotational torque, detent torque, or end stop torque to meet customer requirements

Do Not See What You Need?

We understand that customization for potentiometers is pretty much the norm. So you can share any customization needs for your application with our dedicated design teams.

Our experienced engineers will support you by converting these specific requirements into custom products to achieve your design objectives.

Send us an email describing your custom requirements and our design experts will respond to you shortly:

[Contact Our Design Experts](#)

Custom Options

