

**Part Number Coding**

<b>LIPS® SERIES P133</b>		<b>P133</b>	<b>Travel</b>	<b>Electrical Interface</b>	<b>Sealed Adjuster</b>	<b>Conn / Cable</b>	<b>Option 1</b>	<b>Option 2</b>	<b>Option 3</b>	<b>Option 4</b>	<b>Option 5</b>	<b>Z code</b>
<b>Mid Stroke Position Sensor</b>												
<b>Travel</b>												
mm of stroke	Value											
<b>Electrical Interface Options</b>												
Input	Output											
+ 5V dc nom. ± 0.5V	0.5 to 4.5V dc ratiometric	A										
24V dc nom. +9-28V	0.5-4.5V dc	G										
±15V dc nom. ±9-28V	±5V dc	B										
24V dc nom. +13-28V	0.5 to 9.5V dc	C										
± 15V dc nom. ±13.5-28V	±10 V dc	D										
24V dc nom. +18-28V	4 to 20mA (2 wire)	E										
24V dc nom. +13-28V	4 to 20mA (3 wire sink)	F										
24V dc nom. +13-28V	4 to 20mA (3 wire source)	H										
<b>Calibration Adjusters</b>												
Trim Pots Accessible	Blank											
Sealed Trim Pots	Y											
<b>Connector / Cable</b>												
Connector - Axial IP65	Hirschmann GD series	J										
Connector - Axial IP67	M12 - 4 pin	J + Z600										
(for sensors with Trim Pots sealed)		use Code J plus suffix Z600										
Connector - Axial IP67	M12 - 4 pin	J + Z601										
(for sensors with Trim Pots Accessible)		use Code J plus suffix Z601										
Cable - Axial Gland IP67	Please specify cable length in cm.	Lxx eg. L2000 specifies 20 metres of cable with an axial cable gland										
Cable - Axial Short Gland IP67	Please specify cable length in cm.	Mxx Note: restricted cable pull strength										
<b>OPTIONS</b>												
<b>Housing</b>												
Front Flange	Option 1 N											
<b>Body Clamp</b>												
Body Clamps (1 pair)	Option 2 P											
<b>Spring Return</b>												
Spring Return	Option 3 R											
<b>Plunger End Fitting</b>												
Dome End	Option 4 T											
<b>Plunger (Armature) Guide</b>												
Free Plunger (no inner guide bearing)	Option 5 V Not available with option R or T											
<b>Tighter Linearity</b>												
± 0.1% Linearity	Zsuffix Z650											