

Intrinsically Safe - Mining		Part Number Coding									
LIPS® SERIES M133		M133	Travel	A	Y	Conn / Cable and	N	Option 1	Option 2	Option 3	Z000
Mid Stroke Position Sensor											
Travel											
mm of stroke	Value										
Electrical Interface Options											
Input	Output										
+ 5 V dc	See below	A									
Calibration Adjusters		Standard Fit									
Sealed Trim Pots	Y										
Connector / Cable											
Connector - Axial IP65	Hirschmann GD series	J									
Cable - Axial Gland IP67	Please specify cable length in cm.	LXX	eg. L2000 specifies 20 metres of cable with an axial cable gland								
Housing		Standard Fit									
Front Flange	N										
OPTIONS											
Spring Return		Option 1									
Spring Return	R										
Plunger End Fitting		Option 2									
Dome End	T										
Plunger Guide		Option 3									
Free plunger (no inner guide bearing)	Not available with option R or T	V									
Tighter Linearity		Zsuffix									
± 0.1% Linearity	Z650										

Please Note: This sensor *must* be used with a Galvanic Isolation Amplifier - See X005 sheet for Output options and