

Intrinsically Safe - Mining		Part Number Coding									
LIPS® SERIES M103		M103	Travel	A	Y	Conn / Cable end	N	Option 1	Option 2	Option 3	Z000
<b>Short Stroke Position Sensor</b>											
<b>Travel</b>											
mm of stroke	Value										
<b>Electrical Interface Options</b>											
<b>Input</b>	<b>Output</b>										
+ 5 V dc	See below	A									
<b>Calibration Adjusters</b>		Standard Fit									
Sealed Trim Pots	Y										
<b>Connector / Cable</b>											
Connector - Axial IP67	M12 4 pin	J									
3 Core Cable Axial Gland IP67	Please specify cable length in cm.	Lxx	eg. L2000 specifies 20 metres of 3 core cable with an axial cable gland								
5 Core Cable Axial Gland IP67	Please specify cable length in cm.	LQxx	eg. LQ2000 specifies 20 metres of 5 core cable with an axial cable gland								
<b>Housing</b>		Standard Fit									
Front Flange	N										
<b>OPTIONS</b>											
<b>Spring Return</b>		Option 1									
Spring Return	R										
<b>Plunger End Fitting</b>		Option 2									
Dome End	T										
<b>Plunger Guide</b>		Option 3									
Free plunger (no inner guide bearing)	Not available with option R or T	V									
<b>Tighter Linearity</b>		Zsuffix									
± 0.1% Linearity	from 10mm stroke only	Z650									

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