

Intrinsically Safe - Mining LIPS® SERIES M111			Part Number Coding									
			M111	Travel	A	Y	Conn / Cable and Length	Option 1	Option 2	Option 3	Option 4	Z000
<b>Stand Alone Rugged Linear Position Sensor</b>												
<b>Travel</b>												
mm of stroke	5-800 mm	Value										
<b>Electrical Interface Options</b>												
<b>Input</b>		<b>Output</b>										
+ 5 V dc		See below	A									
<b>Calibration Adjusters - Axial (options J or L)</b>			Standard Fit									
Sealed Trim Pots		Y										
<b>Connector / Cable</b>												
3 Core Cable - Radial Gland IP67	Please specify cable length in cm.	Ixx	eg. I2000 specifies 20 metres of 3 core cable with a radial cable gland									
5 Core Cable - Radial Gland IP67	Please specify cable length in cm.	IQxx	eg. IQ2000 specifies 20 metres of 5 core cable with a radial cable gland									
Connector - Axial IP67		J										
Connector - Radial IP67		K										
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									
3 core cable with Short IP67 Axial Cabl		Mxx	Note: restricted cable pull strength. eg. M2000									
5 core cable with Short IP67 Axial Cabl		MQxx	Note: restricted cable pull strength. eg. MQ2000									
<b>OPTIONS</b>												
<b>Body Fittings</b>			Option 1									
M8 Rod Eye on Body		Only available with radial options	N									
S/S Body Clamps (1 pair)			P									
S/S Body Clamps (2 pairs)			P2									
<b>Spring Return</b>			Option 2									
Up to 300mm stroke only												
Spring return to <b>extended</b> position			R									
Spring return to <b>retracted</b> position			S									
<b>Push Rod Fitting</b>			Option 3									
None - M8 female thread only		Standard option no code	Blank									
Dome End (for use with option R)			T									
M8 Rod End on Push Rod			U									
<b>Non Captive Push Rod</b>			Option 4									
Push rod not retained in body			V									
<b>Tighter Linearity</b>			Zsuffix									
± 0.1% Linearity		from 10mm upto 400mm stroke only	Z650									

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