

Intrinsically Safe - Gas LIPS® SERIES X111			Part Number Coding																		
			X111	Travel	A	Calibration Adjusters	Conn / Cable and Length	Option 1	Option 2	Option 3	Option 4	Z000									
Stand Alone Rugged Linear Position Sensor																					
Travel																					
mm of stroke	5-800 mm	Value																			
Electrical Interface Options																					
Input		Output																			
+ 5 V dc		See below		A																	
Calibration Adjusters - Axial (options J, L or M) only																					
Trim Pots Accessible		Sealed Trim Pots		Blank	Y																
Connector / Cable																					
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 IP65	Hirschmann GD series	J																			
Connector - Axial IP67	M12 - 4 pin	J +	use Code J plus suffix Z600																		
(for sensors with Trim Pots sealed)			Z600																		
Connector - Axial IP67	M12 - 4 pin	J +	use Code J plus suffix Z601																		
(for sensors with Trim Pots Accessible)			Z601																		
Connector - Radial IP67	Hirschmann M12	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. Please specify cable length in cm.			Mxx	Note: restricted cable pull strength. eg. M2000																	
5 core cable with Short IP67 Axial Cabl. Please specify cable length in cm.			MQxx	Note: restricted cable pull strength. eg. MQ2000																	
OPTIONS																					
Body Fittings			Option 1																		
M8 Rod End on Body	Only available with radial options	N																			
Body Clamps (1 pair)		P																			
Body Clamps (2 pairs)		P2																			
Spring Return			Option 2																		
Up to 300mm stroke only																					
Spring return to extended position		R																			
Spring return to retracted position		S																			
Push Rod End Fitting			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																		
Non Captive Push Rod			Option 4																		
Push Rod not retained in body			V																		
Tighter Linearity			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 and pricing.