

Intrinsically Safe - Gas LIPS® SERIES X103		Part Number Coding									
		X103	Travel	A	Calibrati on Adjuster	Conn / Cable end	Option 1	Option 2	Option 3	Option 4	Option 5
<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>											
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 +	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									
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 Cable	Please specify cable length in cm.	Mxx	Note: restricted cable pull strength. eg. M2000								
5 core cable with Short IP67 Axial Cable	Please specify cable length in cm.	MQxx	Note: restricted cable pull strength. eg. MQ2000								
<b>OPTIONS</b>											
<b>Housing</b>		<b>Option 1</b>									
Front Flange	N										
<b>Body Clamp</b>		<b>Option 2</b>									
Body Clamps (1 pair)	P										
<b>Spring Return</b>		<b>Option 3</b>									
Spring Return	R										
<b>Plunger End Fitting</b>		<b>Option 4</b>									
Dome End	T										
<b>Plunger (Armature) Guide</b>		<b>Option 5</b>									
Free Plunger	Not available with option R or T	V									
	(no inner guide bearing)										
<b>Tighter Linearity</b>		<b>Zsuffix</b>									
± 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.**