

Intrinsically Safe - Gas			Part Number Coding										
LIPS® SERIES X103			X103	Travel	A	Calibration Adjusters	Conn / Cable and Length	Option 1	Option 2	Option 3	Option 4	Option 5	Z000
Short Stroke Position Sensor													
Travel													
mm of stroke	2-50 mm	Value											
Electrical Interface Options													
Input		Output											
+ 5 V dc		See below	A										
Calibration Adjusters													
Trim Pots Accessible		Blank											
Sealed Trim Pots		Y											
Connector / Cable													
Connector - Axial IP65	Hirschmann GD series	J											
Connector - Axial IP67	M12 - 4 pin	J +											
(for sensors with Trim Pots sealed)		Z600											
Connector - Axial IP67	M12 - 4 pin	J +											
(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 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													
Housing													
Front Flange		N											
Body Clamp													
Body Clamps (1 pair)		P											
Spring Loaded													
Spring Loaded (extended)		R											
Plunger End Fitting													
Dome End		T											
Plunger (Armature) Guide													
Free Plunger (no inner guide bearing)		Not available with option R or T	V										
Tighter Linearity													
± 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.