

Intrinsically Safe - Gas LIPS® SERIES X133			Part Number Coding											
			X133	Travel	A	Calibration Adjusters	Conn / Cable and Length	Option 1	Option 2	Option 3	Option 4	Option 5	Z000	
Mid Stroke Position Sensor														
Travel														
mm of stroke	51-100 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 + Z600												
(for sensors with Trim Pots sealed)														
Connector - Axial IP67	M12 - 4 pin	J + Z601												
(for sensors with Trim Pots Accessible)														
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 Cab	Please specify cable length in cm.	Mxx												
Note: restricted cable pull strength. eg. M2000														
5 core cable with Short IP67 Axial Cab	Please specify cable length in cm.	MQxx												
Note: restricted cable pull strength. eg. MQ2000														
OPTIONS														
Housing			Option 1											
Front Flange		N												
Body Clamp			Option 2											
Body Clamps (1 pair)		P												
Spring Loaded			Option 3											
Spring Loaded (extended)		R												
Plunger End Fitting			Option 4											
Dome End		T												
Plunger (Armature) Guide			Option 5											
Free Plunger (no inner guide bearing)		Not available with option R or T	V											
Tighter Linearity			Zsuffix											
± 0.1% Linearity		Z650												

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