

| Intrinsically Safe - Gas | | Part Number Coding | | | | | | | | | | |
|---|------------------------------------|--------------------|--|---|-----------------|--------------|----------|----------|----------|----------|----------|------|
| LIPS® SERIES X133 | | X133 | Travel | A | Sealed Adjuster | Conn / Cable | Option 1 | Option 2 | Option 3 | Option 4 | Option 5 | Z000 |
| Mid Stroke Position Sensor | | | | | | | | | | | | |
| Travel | | | | | | | | | | | | |
| mm of stroke | 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 + | 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 | | | | | | | | | | |
| Cable - Axial Gland IP67 | Please specify cable length in cm. | Lxx | eg. L2000 specifies 20 metres of cable with an axial cable gland | | | | | | | | | |
| Cable - Axial Short Gland IP67 | Please specify cable length in cm. | Mxx | Note: restricted cable pull strength | | | | | | | | | |
| OPTIONS | | | | | | | | | | | | |
| Housing | | Option 1 | | | | | | | | | | |
| Front Flange | N | | | | | | | | | | | |
| Body Clamp | | Option 2 | | | | | | | | | | |
| Body Clamps (1 pair) | P | | | | | | | | | | | |
| Spring Return | | Option 3 | | | | | | | | | | |
| Spring Return | R | | | | | | | | | | | |
| Plunger End Fitting | | Option 4 | | | | | | | | | | |
| Dome End | T | | | | | | | | | | | |
| Plunger (Armature) Guide | | Option 5 | | | | | | | | | | |
| Free Plunger | Not available with option R or T | V | | | | | | | | | | |
| (no inner guide bearing) | | | | | | | | | | | | |
| 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 and pricing