

**Part Number Coding**

| LIPS® SERIES P100                             |   | P100               | Travel   | Electrical Interface | Sealed Adjuster | Conn / Cable | Option 1 | Option 2 | Option 3 | Z code |
|---|---|--------------------|--|----------------------|-----------------|--------------|----------|----------|----------|--------|
| <b>Linear-Cylinder Position Sensor</b>        |   |                    |  |                      |                 |              |          |          |          |        |
| <b>Travel</b>                                 |   |                    |  |                      |                 |              |          |          |          |        |
| mm of stroke                                  | Value   |                    |  |                      |                 |              |          |          |          |        |
| <b>Electrical Interface Options</b>           |   |                    |  |                      |                 |              |          |          |          |        |
| Input   | Output  |                    |  |                      |                 |              |          |          |          |        |
| + 5V dc nom.± 0.5V                            | 0.5 to 4.5V dc ratiometric  | A                  |  |                      |                 |              |          |          |          |        |
| 24V dc nom. +9-28V                            | 0.5-4.5V dc   | G                  |  |                      |                 |              |          |          |          |        |
| ±15V dc nom. ±9-28V                           | ±5V dc  | B                  |  |                      |                 |              |          |          |          |        |
| 24V dc nom. +13-28V                           | 0.5 to 9.5V dc  | C                  |  |                      |                 |              |          |          |          |        |
| ± 15V dc nom. ±13.5-28V                       | ±10 V dc  | D                  |  |                      |                 |              |          |          |          |        |
| 24V dc nom. +18-28V                           | 4 to 20mA (2 wire)  | E                  |  |                      |                 |              |          |          |          |        |
| 24V dc nom. +13-28V                           | 4 to 20mA (3 wire sink)   | F                  |  |                      |                 |              |          |          |          |        |
| 24V dc nom. +13-28V                           | 4 to 20mA (3 wire source)   | H                  |  |                      |                 |              |          |          |          |        |
| <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               |  |                      |                 |              |          |          |          |        |
| 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                             |                      |                 |              |          |          |          |        |
| <b>OPTIONS</b>                                |   |                    |  |                      |                 |              |          |          |          |        |
| <b>Housing Size</b>                           |   | Please select one. |  |                      |                 |              |          |          |          |        |
| M20   | N   | <b>Option 1</b>    |  |                      |                 |              |          |          |          |        |
| M18   | T   |                    |  |                      |                 |              |          |          |          |        |
| 3/4 UNF                                       | P   |                    |  |                      |                 |              |          |          |          |        |
| See P100-15 Drawing for Mating Thread Details |   |                    |  |                      |                 |              |          |          |          |        |
| <b>Target Tube</b>                            |   | <b>Option 2</b>    |  |                      |                 |              |          |          |          |        |
| Stainless Steel 7.7 mm                        | Standard fit  | R                  |  |                      |                 |              |          |          |          |        |
| Aluminium 7.0 mm                              |   | S                  |  |                      |                 |              |          |          |          |        |
| <b>Flange Style and Position</b>              |   | <b>Option 3</b>    |  |                      |                 |              |          |          |          |        |
| Please select one of the following:           |   |                    |  |                      |                 |              |          |          |          |        |
| None  |   | U                  |  |                      |                 |              |          |          |          |        |
| P&G   | Please specify flange position xx from Target Tube end in mm.               | Vxx                |  |                      |                 |              |          |          |          |        |
| Tempo   | eg. W17.5 specifies a Tempo style flange fitted 17.5 mm from the front face | Wxx                |  |                      |                 |              |          |          |          |        |
| PH  |   | Xxx                |  |                      |                 |              |          |          |          |        |
| See Drawing TG24-11 for flange details        |   |                    |  |                      |                 |              |          |          |          |        |
| <b>Tighter Linearity</b>                      |   | <b>Zsuffix</b>     |  |                      |                 |              |          |          |          |        |
| ± 0.1% Linearity                              | upto 400mm stroke only  | Z650               |  |                      |                 |              |          |          |          |        |