

**Part Number Coding**

| <b>RIPS® SERIES P500</b>            |   |       | <b>P500</b>  | <b>Travel</b> | <b>Electrical Interface</b> | <b>Calibration Adjusters</b> | <b>Conn / Cable and Length</b> | <b>Option 1</b> | <b>Option 2</b> | <b>Z code</b> |
|-------------------------------------|---|-------|--|---------------|-----------------------------|------------------------------|--------------------------------|-----------------|-----------------|---------------|
| <b>Industrial Rotary Sensor</b>     |   |       |  |               |                             |                              |                                |                 |                 |               |
| <b>Travel</b>                       |   |       |  |               |                             |                              |                                |                 |                 |               |
| degrees rotation                    | 16° to 160°                             | 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>Spring Return</b>                |   |       | <b>Option 1</b>  |               |                             |                              |                                |                 |                 |               |
| Fitted                              | For rotation up to 100° max.            | N     |  |               |                             |                              |                                |                 |                 |               |
| <b>Housing</b>                      |   |       | <b>Option 2</b>  |               |                             |                              |                                |                 |                 |               |
| Flanged                             | Standard option no code                 | Blank |  |               |                             |                              |                                |                 |                 |               |
| Servo Mount                         |   | P     |  |               |                             |                              |                                |                 |                 |               |
| <b>Tighter Linearity</b>            |   |       | <b>Zsuffix</b>   |               |                             |                              |                                |                 |                 |               |
| ± 0.1% Linearity                    | up to 100°                              | Z650  |  |               |                             |                              |                                |                 |                 |               |