

## NEW



TSX

| Selection criteria                     | TSX MAG incremental, commutation signal |  |
|----------------------------------------|-----------------------------------------|--|
| Speed and rotation direction detection | ■                                       |  |
| Speed and position control             | ■                                       |  |
| Compact and robust design              | ■                                       |  |
| High resolution                        | ▲                                       |  |
| Cost effective                         | ■                                       |  |

| Specifications               | TSX MAG incremental, commutation signal |              |
|------------------------------|-----------------------------------------|--------------|
| Supply voltage $V_{cc}$      | V                                       | 5V $\pm$ 0.5 |
| Typical current draw         | mA                                      | 16.1         |
| Max. operating frequency     | kHz                                     | 500          |
| Max. Speed                   | rpm                                     | 10 000       |
| Plug manufacturer JST        | Pin 1                                   | $V_{cc}$     |
| Plug part no. SM14B-NSHSS-TB | Pin 2                                   | GND          |
|                              | Pin 3                                   | A/           |
|                              | Pin 4                                   | A            |
|                              | Pin 5                                   | B/           |
|                              | Pin 6                                   | B            |
|                              | Pin 7                                   | Not connect  |
|                              | Pin 8                                   | Not connect  |
|                              | Pin 9                                   | H1           |
|                              | Pin 10                                  | H2           |
|                              | Pin 11                                  | H3           |
| Pin 12                       | N.C.                                    |              |
| Pin 13                       | NTC+                                    |              |
| Pin 14                       | NTC-                                    |              |

[illegible]