Handy Manual Pulse Generator

HS Series

Outline
HS is a free-to-design handheld manual pulse generator which allows wide variety of switches laid out at your service.

Features
- Optional layout of switches
- 3-position (off-on-off) switch available on both sides
- RoHS compliant (box/cord)
- Emergency stop button also available
- Holder provided
- Strong plate magnet as an additional accessory. (optional)
- Various types of curl cords provided along with connectors by all sorts of your request

Specifications

1. Body

<table>
<thead>
<tr>
<th>Dimension</th>
<th>180×96×50(mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Enabling Switch</td>
<td>Available on both sides</td>
</tr>
<tr>
<td>Other Features</td>
<td>Logo available on the wheel cover</td>
</tr>
</tbody>
</table>

2. Mechanical specifications

2.1 Rotary Encoder Unit

| Output Voltage | DC5V±10%, DC12V±10% |
| Wheel          | 100 clicks / rotation |
|                | 100 pulses or 25 pulses per rotation |
| Rotational Durability | Over 1,000,000 times |

Output Waveform

1) Turning the shaft clockwise would generate the signal A when the signal B outputs a low voltage (0);
2) Rotating the shaft counter-clockwise would generate the signal A when the signal B outputs a high voltage (1);

2.2 Selector Switches

RS400 (Rotary switch)
- AC 30V/1.0A / 200V/0.2A
- DC 20V/1.0A / 200V/0.1A (Resistance Load)

DP (Code switch)
- AC 5V/0.5V / 50V/0.05A
- DC 5V/0.25A / 25V/0.05A (Resistance Load)

* See RS400/DP pages for details

3. Curl/Straight Cords

Curl Cord
- 19/25-conductor shielded cable
- 19-conductor: select from 2m, 3m, 4m, 5m
- 25-conductor: select from 3m, 5m
(We will select either 19 or 25-conductor in accordance with required functions)

For further details, please see the catalogues for curl cords

Straight Cord
- Also available

4. Connector Unit

Connector
- Dripproofed connector to be attached on the end of the cord optionally provided

Warranty

- 1 year from the date of shipment.
HS Main unit  ※ This drawing is an example, it may differ according to number of switches etc.

HS Original holder

Material: SPCC
Black Chromate

HS Layout examples