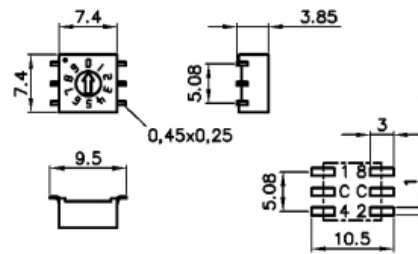


Rotary Code Switch

P36SMT 1 01 TR

SMT Gull Wing Surface Mount Technology



Mechanical Data

| | |
|------------------------------|---------------------------------|
| Type | horizontal |
| Fixation mode | SMT |
| Height | 3.85mm |
| Length | 7.4mm |
| Width | 7,4mm |
| Pin connection | 3+3 |
| Perm. ambient temperature | -50...+125°C |
| Perm. storage temperature | -55...+135°C |
| Torque | 1.2±0.2Ncm |
| Mech. lifetime | 25 000 steps |
| Positions per rotation | 10,16, more versions on request |
| Degree of protection | comparable IP67 |
| Sealing | O-Ring |
| Humidity | 21 days at 40°C, 93%RH |
| Sinus-vibration testing | acc. IEC 68-2-6 |
| Frequency range | 10...500...10Hz, sliding |
| Amplitude | 6mm |
| Acceleration | 10g |
| Shock testing | acc. IEC 68-2-27 |
| Shock acceleration amplitude | 50g |
| Duration of nominal shock | 11ms |
| Directions | 6 (±x, ±y, ±z)3 times each |
| Reflow soldering | 10s/260°C |
| Iron soldering | 4s/350°C |

Electrical Data

| | |
|-----------------------|----------------|
| Operating voltage | ≤ 42V |
| Contact load, static | ≤ 0.4A |
| Contact load, dynamic | ≤ 0.1A |
| Minimum load | 1μA20mVDC |
| Test voltage | 250V 50Hz/1min |
| Contact resistance | < 80mOhm |
| Insulation resistance | > 100MOhm |

- solid PCB pins
- contacts with abrasion resistant hard gold plating
- lateral C-contact
- extra sealed design with high temperature resistance
- switches are solder and flux sealed and washable
- 100% electronic inspection and testing
- 90° turned zero position available



HARTMANN

Configuration

Actuators



Arrow-shaped slot

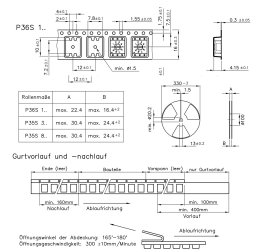
Codes

**BCD
Typ 01**

| | C | 1 | 2 | 4 | 8 | |
|---|---|---|---|---|---|---|
| 0 | ● | | | | | 0 |
| 1 | ● | ● | | | | 1 |
| 2 | ● | | ● | | | 2 |
| 3 | ● | ● | ● | | | 3 |
| 4 | ● | | | ● | | 4 |
| 5 | ● | ● | | ● | | 5 |
| 6 | ● | | ● | ● | | 6 |
| 7 | ● | ● | ● | ● | | 7 |
| 8 | ● | | | | ● | 8 |
| 9 | ● | ● | | | ● | 9 |

Packing

BCD, 10



Tape & Reel Packing