

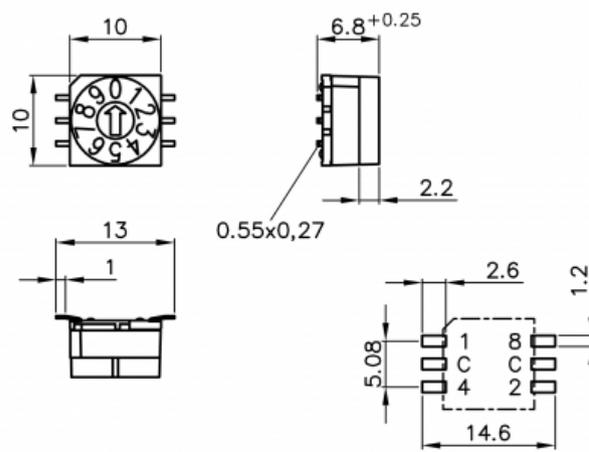
# Rotary Code Switch

## P65SMT 7 03 TR

SMT Gull Wing Surface Mount Technology



# HARTMANN



### Mechanical Data

Type	horizontal
Fixation mode	SMT
Height	6.8mm
Length	10.0mm
Width	10.0mm
Pin connection	3+3
Perm. ambient temperature	-60...+125°C
Perm. storage temperature	-65...+135°C
Torque	(typically) 1.3Ncm
Mech. lifetime	30 000 steps
Reflow soldering	10s/260°C
Iron soldering	2s/340°C
Sinus-vibration testing	acc. EN 60068-2-6
Frequency range	10...500...10Hz, sliding
Amplitude	6mm
Acceleration	10g
Shock testing	acc. EN 60068-2-27
Shock acceleration amplitude	50g
Duration of nominal shock	11ms
Directions	6 (±x, ±y, ±z)3 times each

- solid PCB pins
- contacts with abrasion resistant hard gold plating
- ESD-protection on request
- 100% electronic inspection and testing

### Electrical Data

Operating voltage	$\leq 42V$
Contact load, static	$\leq 0.2A$
Contact load, dynamic	$\leq 0.1A$
Minimum load	1 $\mu$ A20mVDC
Test voltage	250V 50Hz/1min
Contact resistance	$< 80m\Omega$
Insulation resistance	$> 100M\Omega$



**HARTMANN**

**Configuration**

Actuators



Cross shaped slot

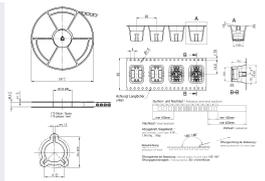
Codes

**Hexadezimal  
Typ 03**

	C	1	2	4	8	
0	●					0
1	●	●				●
2	●		●			2
3	●	●	●			●
4	●			●		4
5	●	●		●		●
6	●		●	●		6
7	●	●	●	●		●
8	●				●	8
9	●	●			●	●
10	●		●		●	A
11	●	●	●		●	●
12	●			●	●	C
13	●	●		●	●	●
14	●		●	●	●	E
15	●	●	●	●	●	●

Hexadecimal, 16

Packing depending on acuator



Tape & Reel Packing for actuator 3