

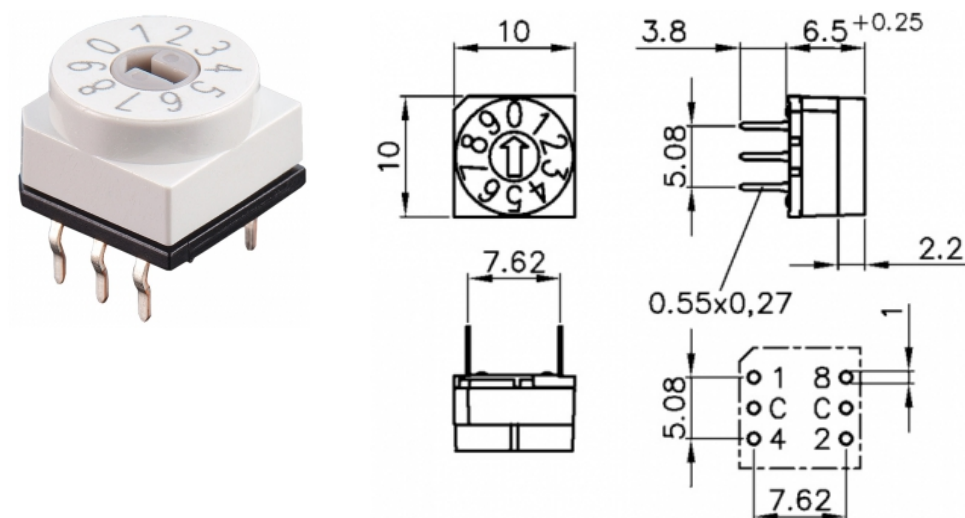
Rotary Code Switch

PT65 1 02 - -

Through Hole Technology



HARTMANN



Mechanical Data

Type	horizontal
Fixation mode	THT
Height	6.5mm
Length	10.0mm
Width	10.0mm
Pin connection	3+3
Perm. ambient temperature	-20...+70°C
Perm. storage temperature	-40...+85°C
Torque	(typically) 1.7Ncm
Mech. lifetime	30 000 steps
Degree of protection	comparable IP67
Sealing	O-Ring
Humidity	21 days at 40°C, 93%RH
Wave soldering	5s/280°C
Iron soldering	2s/340°C
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

Electrical Data

Operating voltage	<= 42V
Contact load, static	<= 0.2A
Contact load, dynamic	<= 0.15A
Minimum load	1µA20mVDC
Test voltage	250V 50Hz/1min
Contact resistance	< 80mOhm
Insulation resistance	> 100MOhm

- solid PCB pins
- contacts with abrasion resistant hard gold plating
- extra sealed design
- switches are solder and flux sealed and washable
- excellent detent, once more improved
- 100% electronic inspection and testing



HARTMANN

Configuration

Actuators



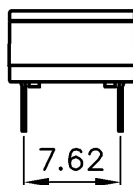
Arrow-shaped slot

Codes

BCD Complement						
Typ 02						
	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

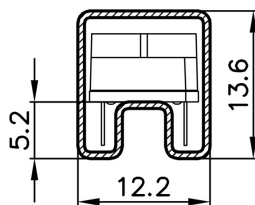
BCD, 10

Contact pins



Straight

Packing depending on acutator



Tube for PT65 1...