

**Technical data****// P65THR 7 12 - -**

Rotary Code Switch

Through Hole Reflow

**Highlights**

Solid PCB pins

Contacts with abrasion resistant hard gold plating

ESD-protection on request

100 % electronic inspection and testing

**Mechanical Data**

Type	horizontal
Fixation mode	THR
Height	6.5 mm
Length	10.0 mm
Width	10.0 mm
Pin connection	3+3
Perm. ambient temperature	-60 °C ... +125 °C
Perm. storage temperature	-65 °C ... +135 °C
Torque	(typically) 1.3 Ncm
Mech. lifetime	30.000 steps
Reflow soldering	10 s / 260 °C
Wave soldering	Double Wave acc. DIN EN 61760-1:2006
Iron soldering	2 s / 340 °C
THR through holes	plated through
THR PCB hole diameter	1.0 mm
Outside diameter plated land	1.8 mm

**Electrical Data**

Operating voltage	$\leq 42.0$ V
Contact load, static	$\leq 0.2$ A
Contact load, dynamic	$\leq 0.1$ A
Minimum load	1.0 $\mu$ A 20mVDC
Test voltage	250.0 V 50 Hz / 1.0 min
Contact resistance	$< 80.0$ mOhm
Insulation resistance	$> 100.0$ MOhm



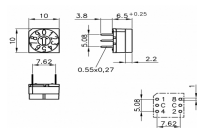
# Technical data

**// P65THR 7 12 - -**

Rotary Code Switch

Through Hole Reflow

## Technical Drawing



## Configuration

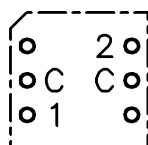
Actuators



Cross shaped slot

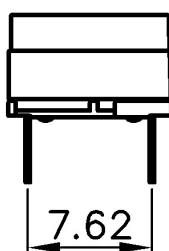
Codes

BCD			
Typ 12			
	C	1	2
0	●		
1	●	●	
2	●		●
3	●	●	●



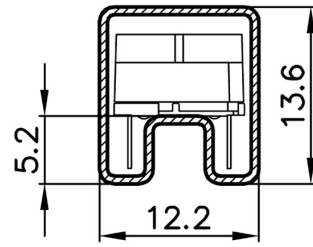
BCD, 4

Contact pins



Straight

Packing



Tube