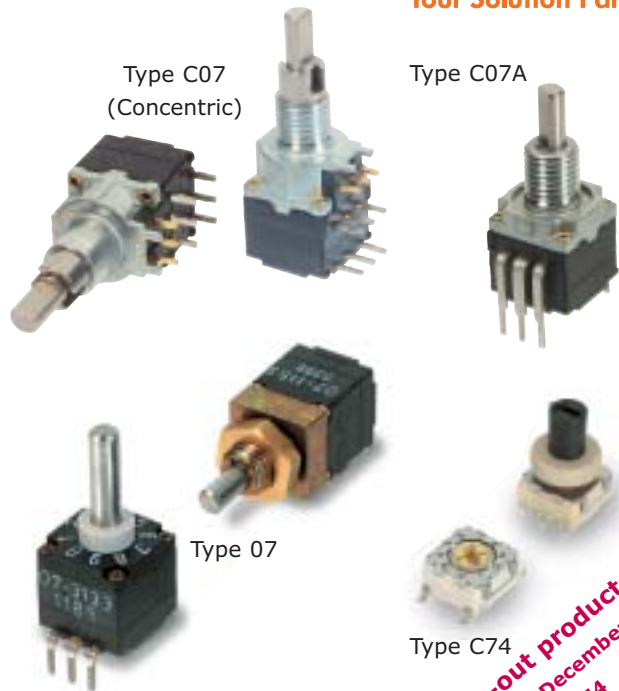


Coded Switches Overview

- rugged design
- lead free reflowable
- packaged for modern manufacturing methods
- easy to modify
- sealable up to IP 68 (5bar)

Our ability to adapt existing components to your application, makes Elma your preferred solution partner.



Phase-out product
Available until December 2005
Type C74

Technical Data

Designation	Type 07	Type C07A	Type C07 (Concentric)	Type C74
Dimension	10 x 10 mm	10 x 10 mm	10 x 10 mm	7 x 7 mm
Connection	THT (DIL)	THT (DIL)	THT (DIL)	SMD/THT (DIL)
Function (Code)	BCD (10 pos.) BCD compl. (10 pos.) HEX (16 pos.) HEX compl. (16 pos.) Gray Code 0 - F (16 pos.)	HEX (16 pos.) HEX compl. (16 pos.) Gray Code 0 - F (16 pos.)	HEX (16 pos.) Gray Code 0 - F (16 pos.) one pole 3 pos. center off	BCD (8/10 pos.) BCD compl. (10 pos.) HEX (16 pos.) HEX compl. (16 pos.) Gray Code (10/16 pos.)
Indexing angle	22.5°, 36°	22,5°	22.5°	22.5°, 36°, 45°
Processing	wave soldering reflow(on request)	wave soldering reflow(on request)	wave soldering reflow	wave soldering reflow
Contact material	3µm gold plated	3µm gold plated	3µm gold plated	gold plated
Life expectancy:				
Switching cycles	> 10'000 cycles	> 10'000 cycles	> 10'000 cycles 16 pos. > 7'500 cycles 3 pos.	
Rotations				> 200 at 1,5 Ncm
Contact resistance	< 50 mΩ	< 50 mΩ	16 pos. and 3 pos. max 1Ω	< 100 mΩ
	page 7-9	page 10	page 11 -12	page 13 - 14
Technical Data	page 59 -63	page 64 - 66	page 67 - 69	page 70 - 74

The following rugged switches are also available in coded (binary code) versions	Type 04	Type 06	Type 08
	coding 0-9 page 25	coding 0-11 page 29	coding 0-11 page 33