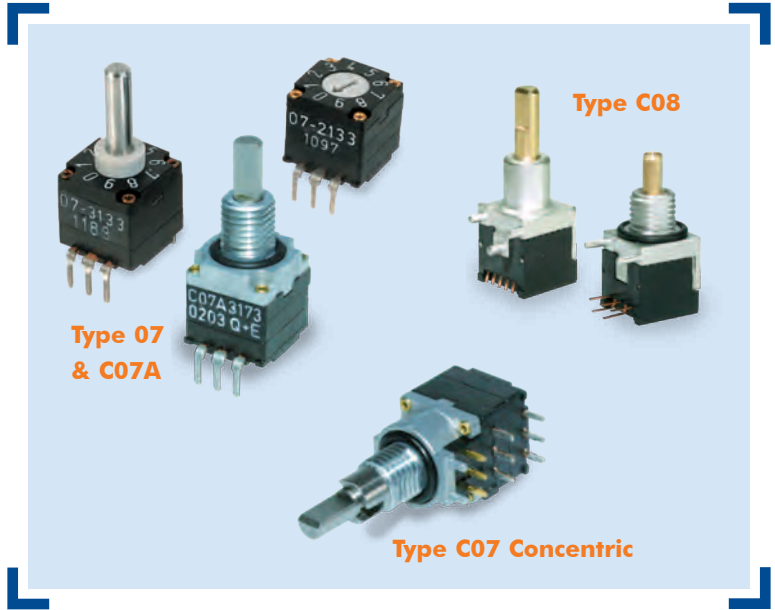


# Coded Switches Overview

- 2 to 16 positions miniature coded switches
- For rugged environments
- Up to 3.5 Ncm switching torque
- THT or THR/SMT reflow
- Optional IP68 front panel sealing (up to 5 bar)
- Operating temperature range: -40 to +85°C
- Various options and customization



## Type Comparison

Features / Switch Type	Type 07 & C07A	Type C07 Concentric	Type C08
Function	2 to 16 positions absolute coding	16 positions absolute coding (inner shaft), 2/3 positions selector switch (outer shaft)	16 positions absolute coding
Coding	BCD, BCD compl. (max. 10 pos.) Hex, hex compl. Gray	Hex, gray 3 pos. switch; center off or 2 pos. switch; on/off	Gray
Indexing angle	BCD: 36°, hex/gray: 22.5°	22.5°	22.5°
THT/SMT	THT (reflow version on request)	THT (reflow version on request)	THT/SMT (reflow)
Contact material plating	AuCo (hard gold)	AuCo (hard gold)	Ni (nickel)
Rotational life	10,000 cycles	10,000 cycles (2/3 pos. switch: 7,500 cycles)	20,000 cycles
Standard switching torque	BCD: 2.2 Ncm hex/gray: 3.2 Ncm	3.5 Ncm (2/3 pos. switch: 6.0 Ncm)	2.5 Ncm <b>SWISS CLICK INDEXING SYSTEM™</b>
Shaft style	Various; screwdriver actuation, round or D-shape (stainless steel)	Inner shaft: 1/8" D-shape (stainless steel)	1/8" D-shape (brass)
Bushing	Threaded M6 x 0.75, non-threaded or no bushing	Threaded M6 x 0.75 or non-threaded	Threaded M6 x 0.75 or non-threaded
Profile dimensions	10 x 10 mm	10 x 10 mm	9 x 9 mm
Standard product variety	<ul style="list-style-type: none"> <li>■ Vertical or horizontal mounting</li> <li>■ Bushing style</li> <li>■ Coding</li> <li>■ Number of positions</li> <li>■ 3.2 or 3.5 Ncm torque</li> <li>■ With end stop or endless rotating</li> <li>■ IP60 or IP68 front panel sealing</li> <li>■ Shaft style and length</li> </ul>	<ul style="list-style-type: none"> <li>■ Threaded or non-threaded bushing</li> <li>■ Coding</li> <li>■ 2 or 3 pos. outer shaft selector switch</li> <li>■ IP60 or IP68 front panel sealing</li> <li>■ Tray or tape &amp; reel packaging</li> </ul>	<ul style="list-style-type: none"> <li>■ THT (THR) or SMT reflow</li> <li>■ Threaded or non-threaded bushing</li> <li>■ With end stop or endless rotating</li> <li>■ IP60 or IP68 front panel sealing</li> <li>■ Various shaft types</li> <li>■ Tray or tape &amp; reel packaging</li> </ul>
See page	5-10	11-13	15-18

## Application Examples

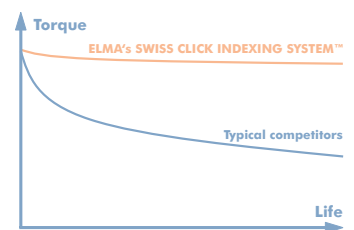


Mobile radio

Laser target aiming

Handheld radios

## SWISS CLICK INDEXING SYSTEM™



The Swiss Click Indexing System™ ensures consistent torque over life.