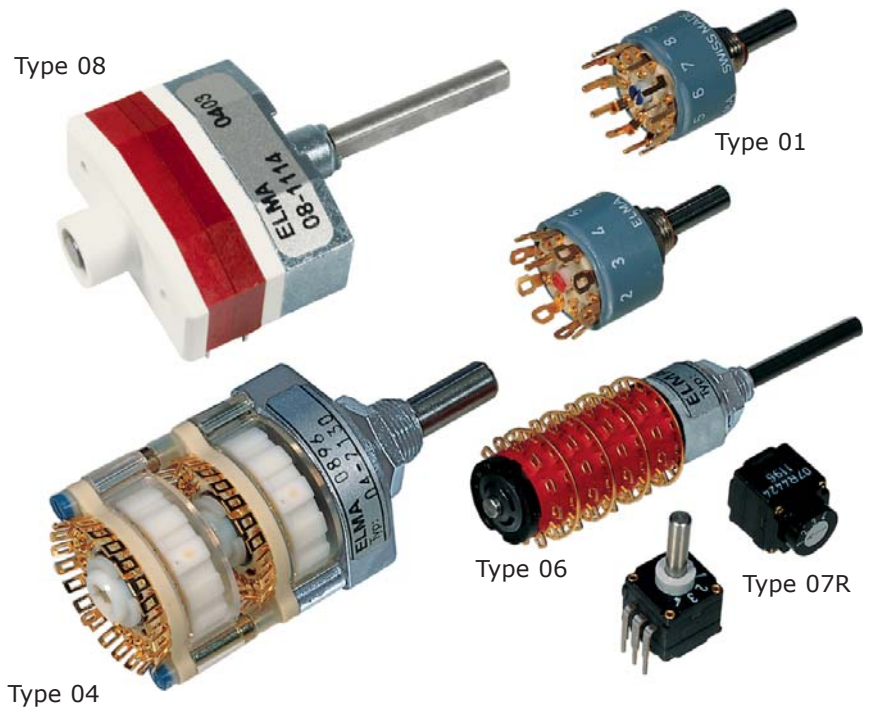


Rotary Switches Overview

- with steel spindle-shaft and high grade plastic housing-suitable for hand or wave soldering
- for rugged applications

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



Technical Data

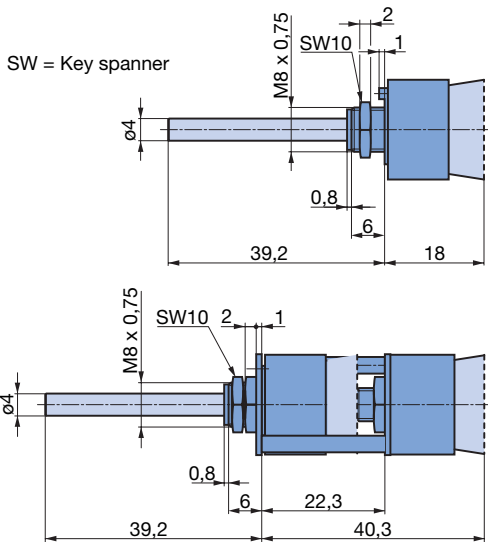
Designation	Type 01	Type 04	Type 06	Type 07R	Type 08
Dimension	Ø 18 mm	Ø 32 mm	Ø 17 mm	10 x 10 mm	31 x 13 mm
Number of positions	12	24	12	4	12
Function (Pole x Position)	1 x 12 2 x 6 3 x 4 4 x 3 1 x 10 1 x 6 2 x 3 4 x 2	1 x 24 2 x 11 3 x 7 4 x 5 6 x 3	1 x 12 2 x 6 3 x 4 4 x 3	1 x 4	1 x 12 2 x 6 3 x 4 4 x 3
Max. number of wafers	2	any	8	1	8
Indexing angle	30°, 36°, 60°	15°, 30°	30°	36°	30°
Processing	hand and wave soldering	hand and wave soldering	hand soldering	wave soldering reflow (on req.)	wave soldering
Assembly on print (PCB)	vertical	vertical	-	horizontal/vertical	horizontal
Contact material	gold flash, gold 3µm	gold flash, gold 3µm	gold flash, gold 3µm	gold 3µm	gold 3µm
Life expectancy (switching cycles)	> 25 000	> 25 000	> 25 000	> 40 000	> 25 000
max. switch load	2V/1,0A 24V/0,5A 42V/0,4A	2V/2,0A 24V/0,6A 42V/0,4A	1V/1,5A 24V/0,3A 42V/0,2A	<24V/5VA 2V/0,2A 24V/0,2A 42V/0,12A	1V/1,5A 24V/0,3A 42V/0,2A
	page 20-21	page 22-23	page 24-25	page 26-27	page 28-29
Technical Data	page 90-95	page 96-102	page 103-107	page 109-113	page 114-119

Rotary Switches Type 01

- 12 position switch
- life expectancy > 25 000 switching cycles
- steel spindle-shaft and metal bush for rugged applications
- modular system allows easy adaptation of standard products
- gold flash contact standard



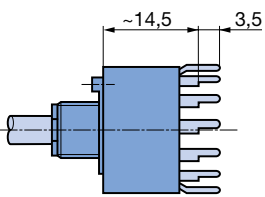
With solder eyelets



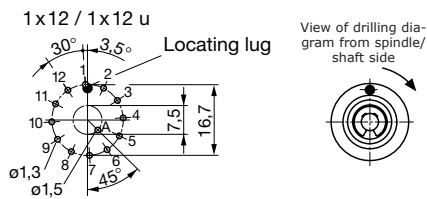
Front panel cut out



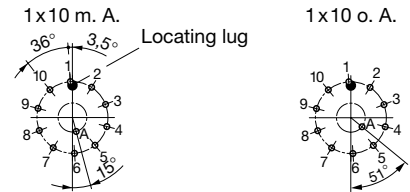
With solder pins for PCB mounting



Drilling diagram for indexing angle 30°



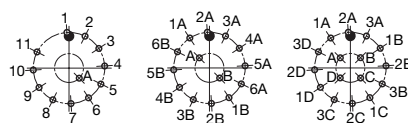
Drilling diagram for indexing 36°



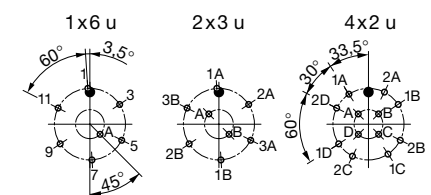
Possible modifications on request

- special type of shaft (length, diameter, form)
- special torque
- waterproof
- special end stop
- shortened bush
- hollow shaft/inner shaft

1x11 / 1x11 u 2x6 / 2x6 u 4x3 / 4x3 u



Drilling diagram for indexing angle 60°



Indexing angle 30°, shorting

Contact arrangement	Construction	Function (Pole x Position)	with solder eyelets		with pins for PCB	
			gold flash	gold 3 µm	gold flash	gold 3 µm
		1 x 12 o.A.	01-1120	01-1123	01-1120-20	01-1123-20
		2 x 12 o.A.	01-2120	01-2123	-	-
		1 x 12	01-1180	01-1183	01-1180-20	01-1183-20
		2 x 12	01-2180	01-2183	-	-
		1 x 11	01-1110	01-1113	01-1110-20	01-1113-20
		2 x 11	01-2110	01-2113	-	-
		2 x 6	01-1260	01-1263	01-1260-20	01-1263-20
		4 x 6	01-2260	01-2263	-	-
		4 x 3	01-1430	01-1433	01-1430-20	01-1433-20
		8 x 3	01-2430	01-2433	-	-

packing unit : 10 pieces

Indexing angle 30°, non-shorting

Contact arrangement	Construction	Function (Pole x Position)	with solder eyelets		with pins for PCB	
			gold flash	gold 3 µm	gold flash	gold 3 µm
		1 x 12 u.o.A.	01-1121	01-1124	01-1121-20	01-1124-20
		1 x 12 u.	01-1181	01-1184	01-1181-20	01-1184-20
		1 x 11 u.	01-1111	01-1114	01-1111-20	01-1114-20
		2 x 6 u.	01-1261	01-1264	01-1261-20	01-1264-20
		4 x 3 u.	01-1431	01-1434	01-1431-20	01-1434-20

available on request

packing unit : 10 pieces

Indexing angle 36°, shorting

Contact arrangement	Construction	Function (Pole x Position)	with solder eyelets		with pins for PCB	
			gold flash	gold 3 µm	gold flash	gold 3 µm
		1 x 10 o.A.	01-1100	01-1103	01-1100-20	01-1103-20
		1 x 10	01-1190	01-1193	01-1190-20	01-1193-20

available on request

packing unit : 10 pieces

Indexing angle 60°, non-shorting

Contact arrangement	Construction	Function (Pole x Position)	with solder eyelets		with pins for PCB	
			gold flash	gold 3 µm	gold flash	gold 3 µm
		1 x 6 u. o.A.	01-1101	01-1104	01-1101-20	01-1104-20
		1 x 6 u.	01-1161	01-1164	01-1161-20	01-1164-20
		2 x 3 u.	01-1231	01-1234	01-1231-20	01-1234-20
		4 x 2 u.	01-1421	01-1424	01-1421-20	01-1424-20

available on request

packing unit : 10 pieces

Stop pins

Packing unit	Order Number
10 pieces	4007-36
50 pieces	4007-35

Contact arrangement from the spindle side
u. = non-shorting, o.A. = without end stop, can **not** be adjusted subsequently!