

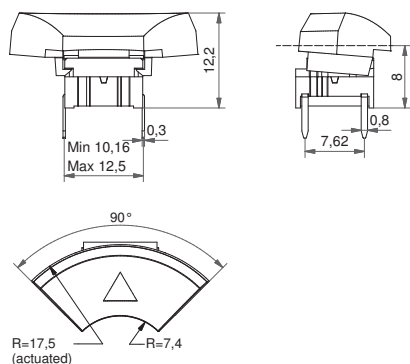
- Round solution
- Designed for navigating a display or controlling a unit
- 90° R=17.5 mm; Ø14.3 mm (Ø34.25 mm)
- h =12.2 mm; 11.7 mm
- Material: ABS/polycarbonate
- Temp. Range:
 - Solid cap: -40/+65°C
 - Transparent cap: -40/+85°C
- Panel cut-out: 1ZB-R₁ 7,1 R₂ 17,5 – 17,75 90° 1ZCS-Ø14.7
- navimec™ panel cut-out: Ø35,0 - 35,5 Depending on application

All dimensions in mm

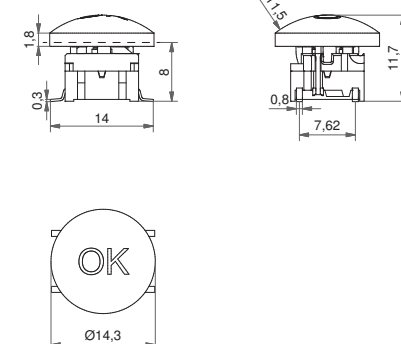


DIMENSIONS

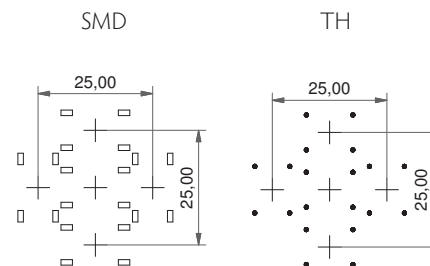
TH + 1ZB



SMD w/LED + 1ZCS




PCB layout for Navimec solution





We recommend using through-hole terminals for precise placing.

ILLUMINATED – HOW TO ORDER

Switch	Mounting	Actuation force	LED	+	Cap	Legend code
5 G	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		1 Z B 1 6 L M	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
	TH9 through-hole (SH9 surface mount)	20 35 65 Q*	01 blue 22 green 42 yellow 61 white 82 red 2242 green/yellow 8222 red/green 8242 red/yellow		Frosted white with black soft touch paint and laser marking	136 ▲
						<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
					1 Z C S 1 6 L M	118 OK 123 ⏻

*For an illuminated quiet 2.0N switch add Q to the end of the switch part number.

NON-ILLUMINATED – HOW TO ORDER

Switch	Mounting	Actuation force	+	Cap	Colour code	Legend code**
5 G	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>		1 Z B	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
	TH9 through-hole (SH9 surface mount)	20 20Q 35 65			02 green 03 grey 06 white 08 red 09 black 30 ultra blue 40 dusty blue	136 ▲
				1 Z C S	42 aqua blue 50 metal dark blue 53 metal light grey 57 metal dark grey 58 metal bordeaux	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
						038 RESET 105 ENTER 118 OK 119 SET
						120 MENU 121 FUNC 122 HOME 123 ⏻

** White legends on black caps are standard, other options are available but considered custom products.

Ordering example: 4x 5GTH93561+1ZB16LM136 + 1x 5GTH93561+1ZCS16LM118 (with illumination) OR 4x 5GSH920+1ZB09 + 1x 5GSH920+1ZCS09 (without illumination) OR *5GTH92001Q (illuminated quiet version)

Please see colour codes, updates of products and changes of specifications on www.mec.dk