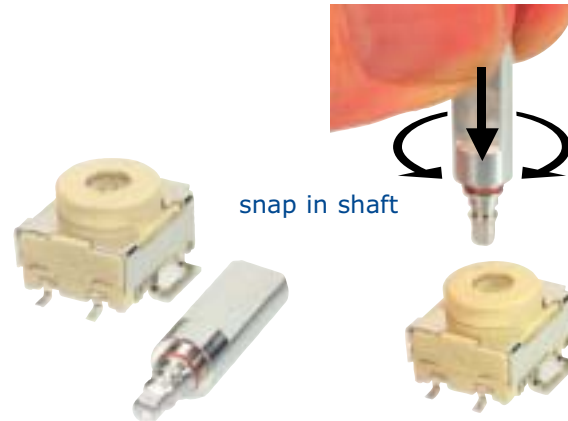


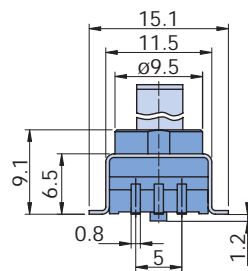
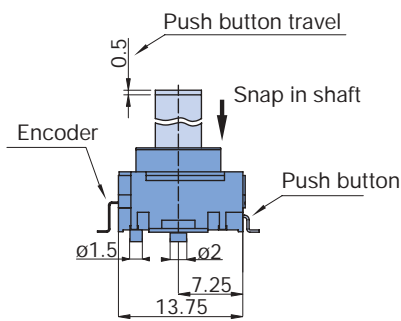
# Mechanical Encoders

## Incremental Encoder Type E20 (SMD)

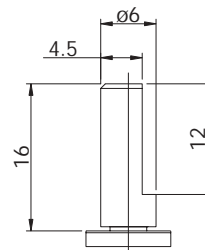
- 16 or 30 detent
- shaft snaps in after reflow process
- > 100'000 rotations (1,5Ncm)
- reflowable
- up to 2,5 Ncm torque
- tape & reel
- aluminium spindle-shaft
- IP 65 available



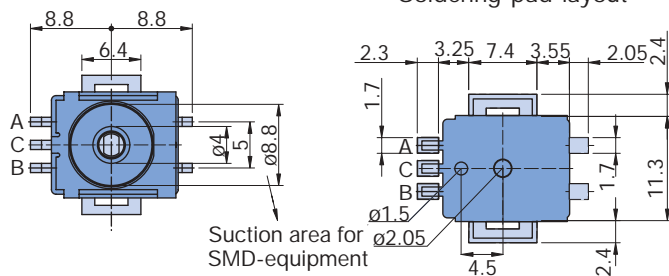
### Vertical



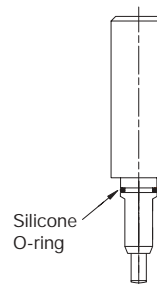
### shaft dimension



### Soldering-pad-layout

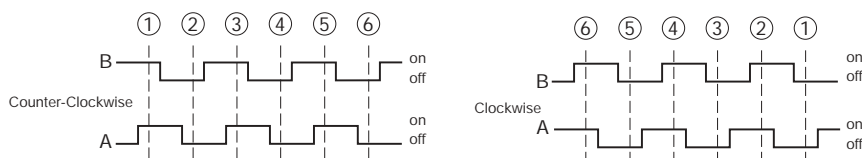


### Saeled / O-ring



(seperately enclosed)

### Pulse diagram



Designation	Push button force	30 Detent	16 Detent
With integrated push button function	6N	E20-0-51141AL102	E20-1-51141AL102
	3N	E20-0-52141AL102	E20-1-52141AL102

packed in tape & reel: 250 pieces