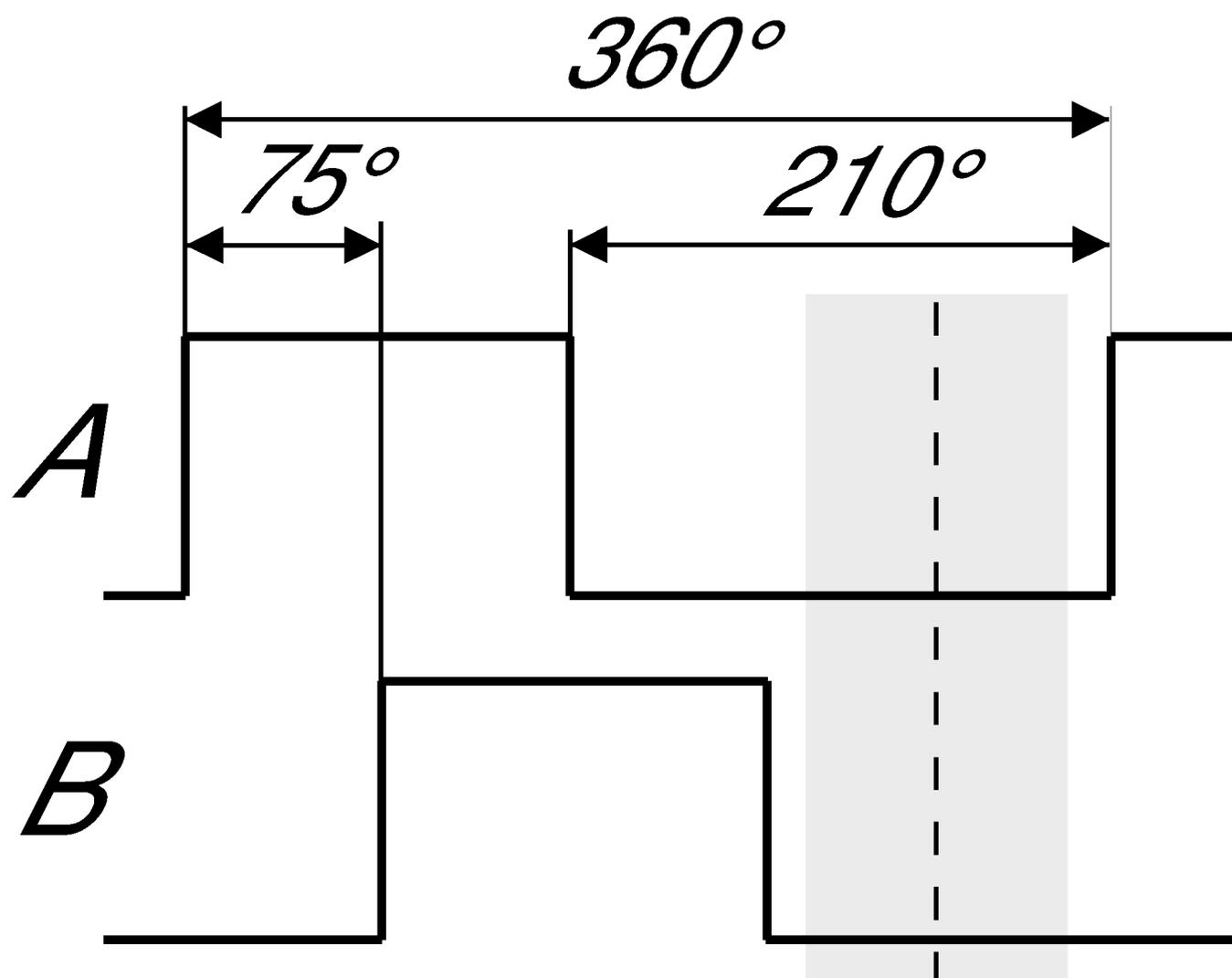
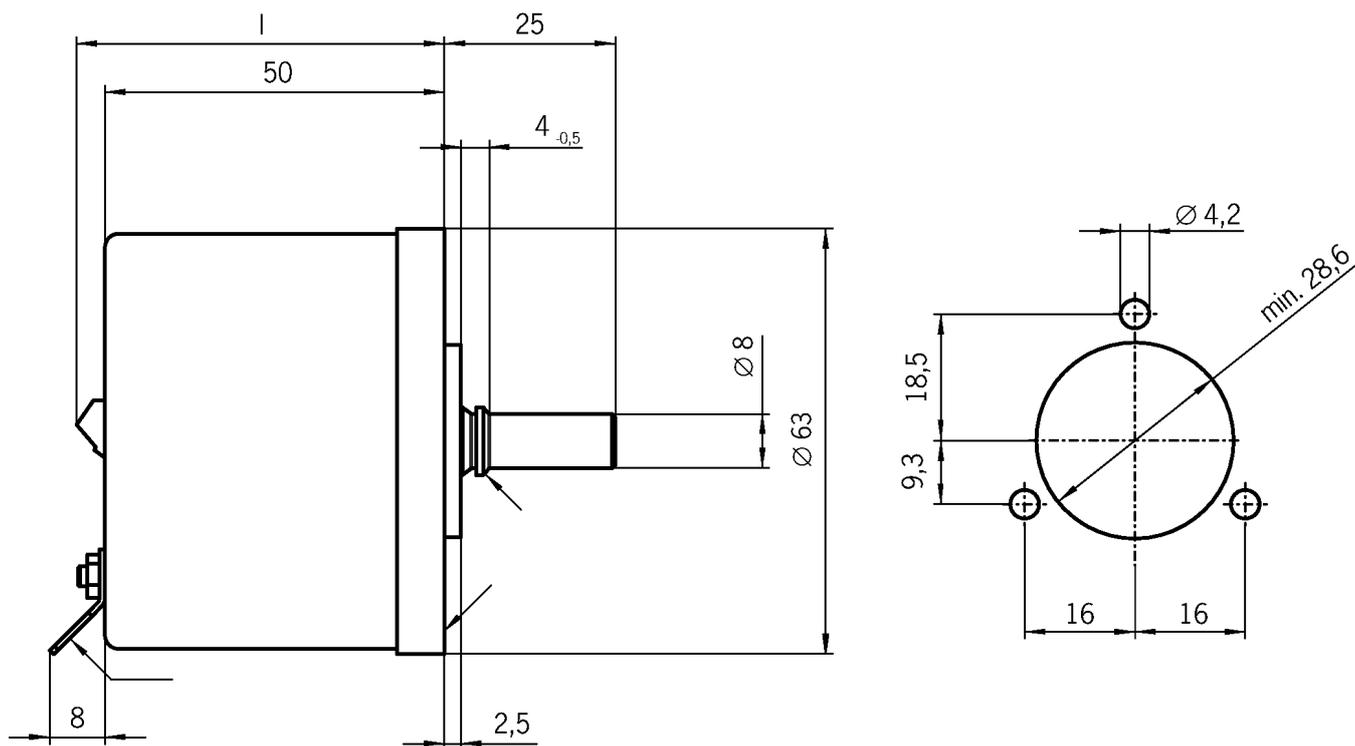


**HKD100S100G24 (Order no. 054868)****Handwheel HKD**

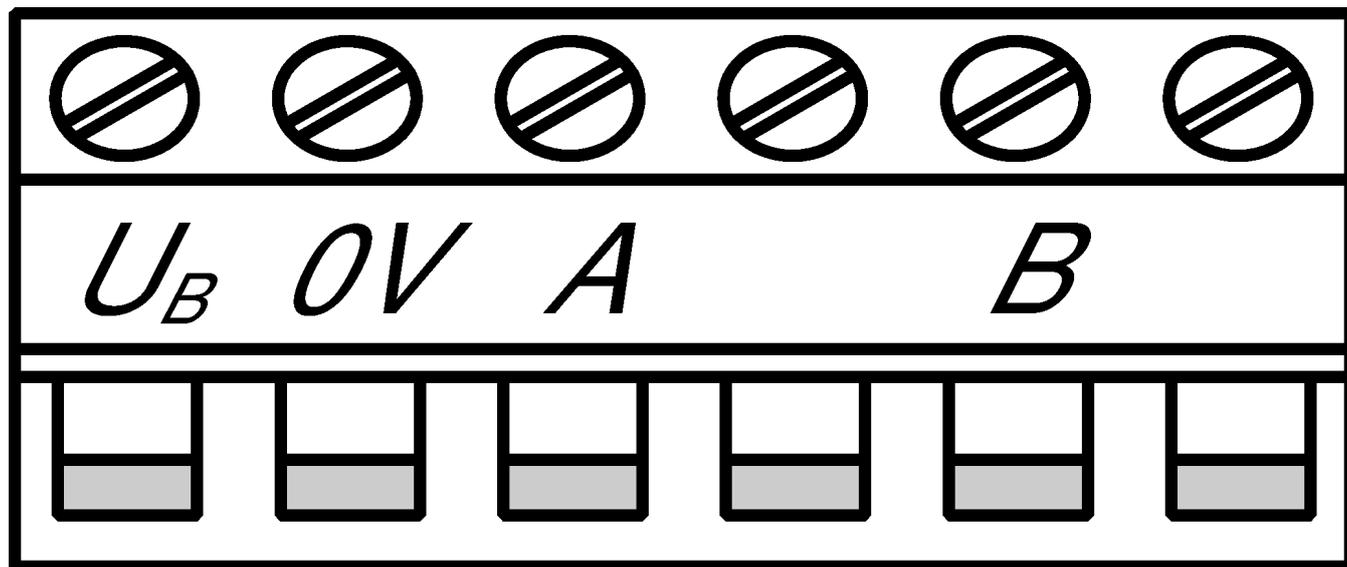
- ▶ 100 detents per revolution
- ▶ Wear-free magnetic detent mechanism
- ▶ 100 pulses per revolution
- ▶ Installation in operator panels and EUCHNER hand-held pendant stations series HBL

**Functional drawings**

## Dimensional drawings



## Connection examples



## Technical data

### Approvals



### Electrical connection values

Connection cross section	0.08 ... 2.5 mm <sup>2</sup>
Connection cross section AWG	28 ... 12 AWG
Output type	Push-pull
Output voltage	
	HIGH(1) min. $U_b - 3$ V DC at 20mA
	LOW(0) max. 3 V DC at 20mA
Operating voltage DC	10 ... 30 V DC
EMC protection requirements	
	according to CE EN 61000-6-2, EN 61000-6-4
Pulses per revolution	2x100
Current consumption	
	without load max. 80 mA

### Mechanical values and environment

Connection type	Screw terminal, 6-pin
Tightening torque	max. 0.5 Nm
Storage temperature	-25 ... 70 °C
Atmospheric humidity	
	(condensation not permissible) 80 % rH
Detent positions per revolution	100
Shock and vibration resistance	according to EN 60068-2-27/-2-6
Degree of protection	
	IP65 (in the installed state)
	according to NEMA 250-12 (in the installed state)