

HKD100S100A05 (Order no. 054866)

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

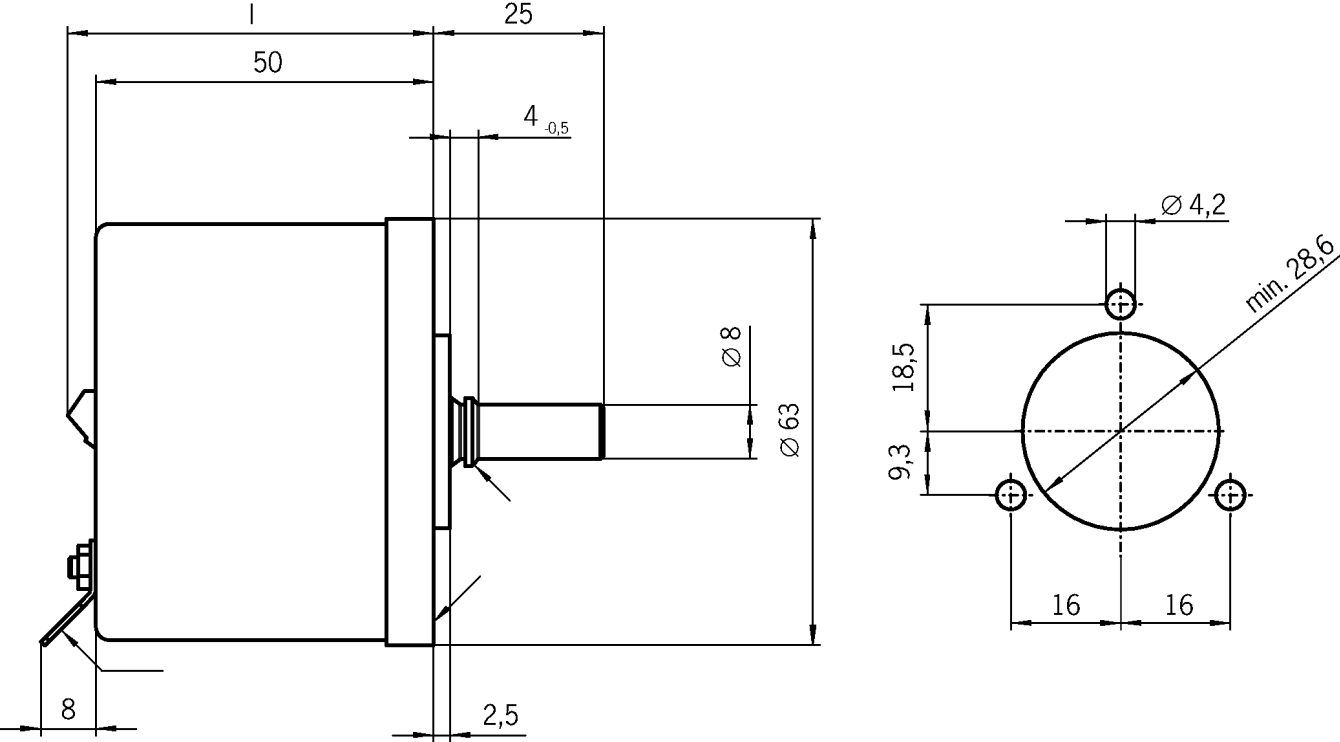


Notes

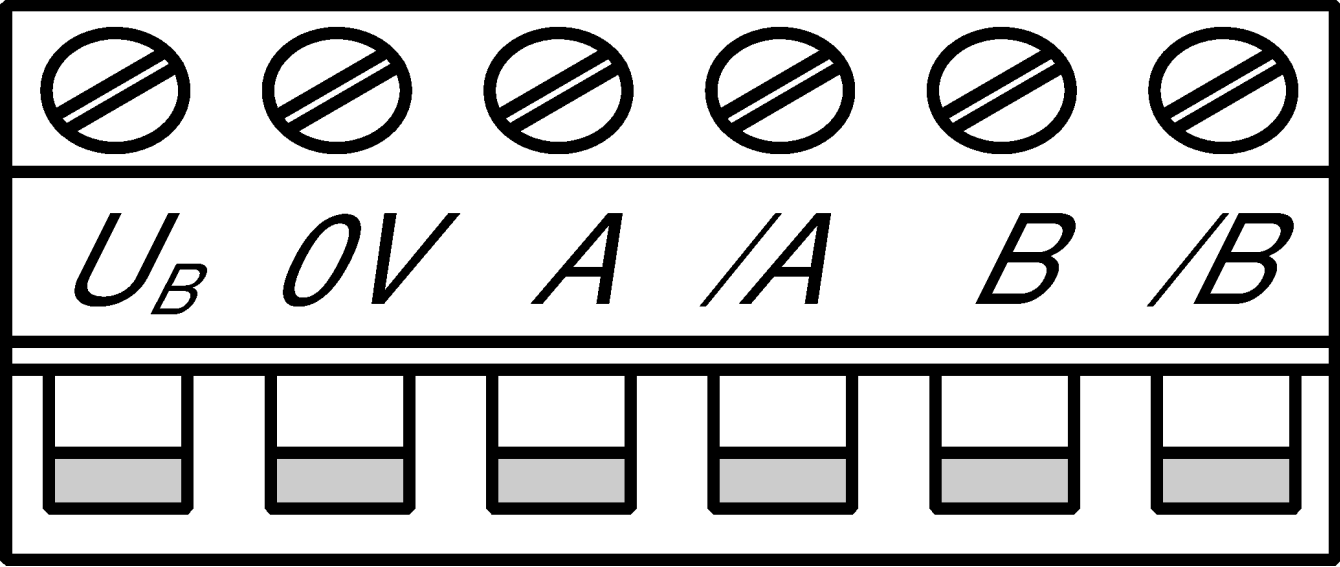
- ▶ Output A05 suitable for Siemens control systems with RS422 input



Dimensional drawings



Connection examples



Technical data

Approvals



Electrical connection values

Connection cross section	0.08 ... 2.5 mm ²
Connection cross section AWG	28 ... 12 AWG
Output type	RS422
Output voltage	in accordance with RS422A
Operating voltage DC	5 V DC -5% ... +5%
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)
Ambient temperature	0 ... 70 °C
Material	Aluminum

Miscellaneous

Detent mechanism	Magnetic
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Downloads

All documentation for this material can be found on our website:

<https://www.euchner.de/en-us/a/054866/?#downloads-tab>

Ordering data

Ordernumber	054866
Item designation	HKD100S100A05
Gross weight	0,343kg
Customs tariff number	85365019000
ECLASS	27-24-23-07 Command-, control-, signal appliance

Accessories

Function expansion

Dial for handwheel HKD, suitable for front panels HKD



057266
SW 90 GE/WS



057268
GR 90 RT/SW-057268



057272
GR 78 RT/SW-057272



057280
SW 78 GE/WS-057306



059276
SW 58 RT/WS-059276



072597
GR 75 RT/SW

Dial for kit HBL



057314
GR 65 RT/SW-057314



057318
SW 65 GE/WS-057318

Front panel F with seal for handwheel HKD



028760
FRONTPLATTE F KPL.

Front panel G with seal for handwheel HKD



028761

FRONTPLATTE G KPL.

Front panel M with seal for handwheel HKD



041758

FRONTPLATTE M KPL.

Seal for handwheel HKD

054861

DICHTUNG E HKD