HKB100S7G05 (Order no. 105136)

Handwheel HKB

- 100 detents per revolution
- Wear-free magnetic detent mechanism
- 100 pulses per revolution
- Ideal for flat machine panels and small, light hand-held pendant stations like the housing HBA/HBM

Notes

- Output G05 suitable for Fanuc control systems

Technical data

Approvals

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Electrical connection values

Connection cross section	0.08 … 1.5 mm²
Connection cross section AWG	28 … 16 AWG
Output type	Push-pull
Output voltage	
HIGH(1)	min. 3.4 V DC at 5mA
HIGH(1)	min. 4.0 V DC at 0mA
HIGH(1)	min. 3.0 V DC at 20mA
LOW(0)	max. 1.3 V DC at 15mA
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, 7-pin
Tightening torque	max. 0.25 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	
according to NEMA	250-12 (in the installed state)
	IP65 (in the installed state)
Ambient temperature	0 ... 50 °C
Material	Aluminum

Miscellaneous

Detent mechanism	Magnetic