

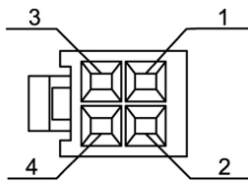
Abmessungen / Dimensions Anmerkungen / Notes : Alle Abmessungen in mm / All dimensions in mm

Motordaten / Motor Data

Haltmoment bipolar, parallel zwei Phasen bestromt / <i>Holding Torque</i>	M _H	Nm	2,0
Nennstrom pro Phase / <i>Rated Phase Current</i>	I	A	5,0
Systematische Winkeltoleranz / <i>Stepangle Accuracy</i>		%	3
Widerstand pro Phase / <i>Phase Resistance</i>	R _{ph}	Ω	0,38 ± 10 [%]
Induktivität pro Phase / <i>Phase Inductance</i>	L _{ph}	mH	1,70 [mH] ± 20 [%]
Restdrehmoment / <i>Detent Torque</i>	M _P	Ncm	0,37
Isolationsklasse / <i>Insulation class</i>			B 130°
Max. Versorgungsspannung / Max. BUS Voltage DC	U	V _{DC}	48
Isolationswiderstand <i>Insulation Resistance</i>		MOhm	100
Durchschlagsfestigkeit / Dielectric Strength			500Vac 1 min.
Rotorträgheitsmoment / <i>Rotor Inertia</i>	J	g.cm ²	480
Masse / <i>Mass</i>	m	kg	1,0
Radial Belastung / <i>Radial shaft Load</i>	Shaft center	Kg	7,5
Axiale Belastung Axial shaft Load	Push/Pull	Kg	1,5
Schutzklasse / IP Rate			IP40
Umgebungstemperaturur / Ambient temperature		°C	-20 - +50
Spannungsversorgung Bremse / Power Supply brake		Vdc	24,00
Bremskraft / Braking force		Nm	2,0

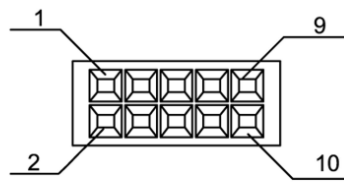
Rückführung Spannungsversorgung / Encoder Power Supply		Vdc	5,0
Inkrement - Strichzahl / Resolution		ppr	1000
Encoderausgang / Encoder Output			Line Driver

Anschlußplan / Connection Diagram



A-A' VIEW

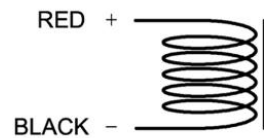
MOTOR	
1	B/
2	A
3	B
4	A/



B-B' VIEW

ENCODER	
10	GND
9	+5 V
8	A/
7	A
6	B/
5	B

BRAKE CONNECTION



Kennlinie / Curve 24VDC – 5A

