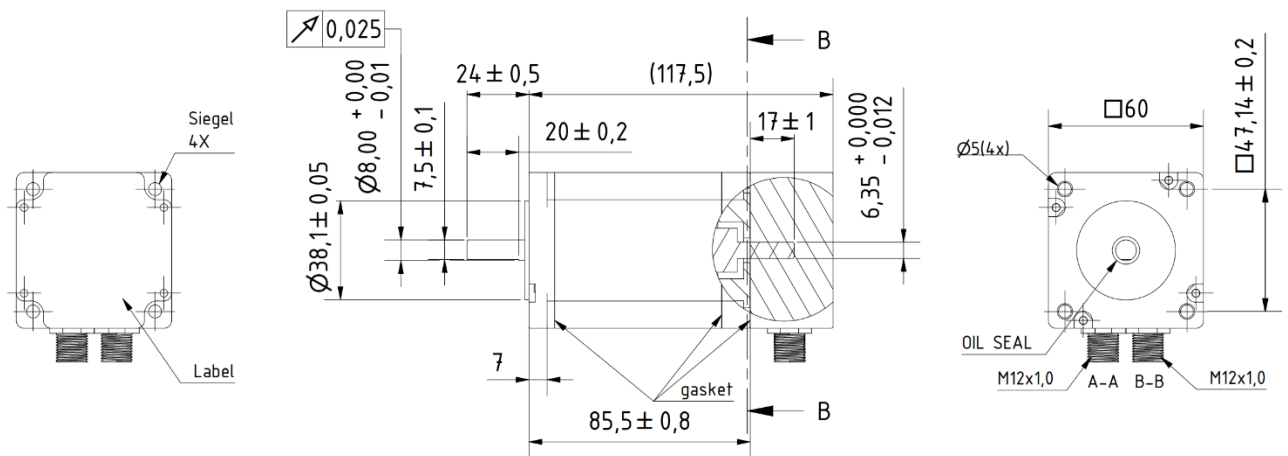


## Abmessungen / Dimensions

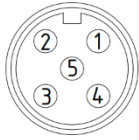


**Anmerkungen / Notes** : Alle Abmessungen in mm / All dimensions in mm

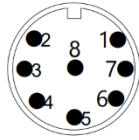
## Motordaten / Motor Data

Haltemoment bipolar, parallel zwei Phasen bestromt / <i>Holding Torque</i>	$M_H$	Nm	2,7
Nennstrom pro Phase / <i>Rated Phase Current</i>	I	A	3,0
Systematische Winkeltoleranz / <i>Stepangle Accuracy</i>		%	3
Widerstand pro Phase / <i>Phase Resistance</i>	$R_{ph}$	$\Omega$	1,27
Induktivität pro Phase / <i>Phase Inductance</i>	$L_{ph}$	mH	5,10
Isolationsklasse / <i>Insulation class</i>			B 130°
Max. Versorgungsspannung / Max. BUS Voltage DC	U	$V_{DC}$	80
Isolationswiderstand <i>Insulation Resistance</i>		MOhm	100
Durchschlagsfestigkeit / Dielectric Strength		VAC	500 1 minute
Rotorträgheitsmoment / <i>Rotor Inertia</i>	J	g.cm <sup>2</sup>	900
Masse / <i>Mass</i>	m	kg	1,4
Wellendurchmesser/ A-Seite Shaft diameter A-Side		mm	8
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		IP	65
Umgebungstemperatur / Ambient temperature		°C	-20 - +50

## Anschlußplan / Connection Diagram



A-A  
M12 MALE 5 POLES  
CONNECTOR  
MOTOR



B-B  
M12 MALE 8 POLES  
CONNECTOR  
ENCODER

MOTOR			ENCODER		
1	A	BLACK	1	A	WHITE
2	$\bar{A}$	ORANGE	2		
3	B	RED	3	B	GREEN
4	$\bar{B}$	YELLOW	4		
5	GND	BLUE	5	Z	GREY
			6	GND	PINK
			7	+24V	BLUE
			8		

## Kennlinie / Curve 24VDC – 3A

