

SLU-TRONIC

PREMIUM LINE

Steady Rest with electric drive





Application/Customers benefits

- Energy-efficient
- Adjustable stroke, clamping force and speed
- Collision protection due to integrated stroke measuring system

Motor data

- Power supply: 400V
- Electricity supply: max. 1A

Electronic parts

Motor control unit

Rotary encoder ECI (Manufacturer Haidenain)

- Absolute rotary encoders without integral bearings
- Positions per revolution: 524.288
- Data interface EnDat01 Synchron-Seriell EnDat 2.1 with incremental signals ; command set EnDat 2.1
- Output code dual
- Pulse/Resolution 32
- Output signal ~1Vss
- Cutoff frequency (-3dB) 10.00 kHz
- Power supply 5V ±5%
- Connector D533387

Sensoric

Inductive distance sensor

BAW R03KC-UAE40B-BP00,3-GS26 (Manufacturer Balluf)

Interface

Power connector

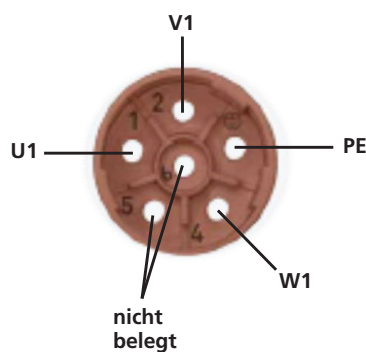
- INTERCONTEC Series 923
- M23 Receptacles angled / 6-pin / rotation E / contact pin Ø2
- Part no. B EW C 106 MR 14 00 0220 000

Signal connector

- INTERCONTEC Series 923
- M23 Receptacles angled / 19-pin / rotation E / 16 contact pins Ø1 / 3 contact pins Ø1.5
- Part no. B EW C 560 MR 93 00 0224 000

Connection diagram

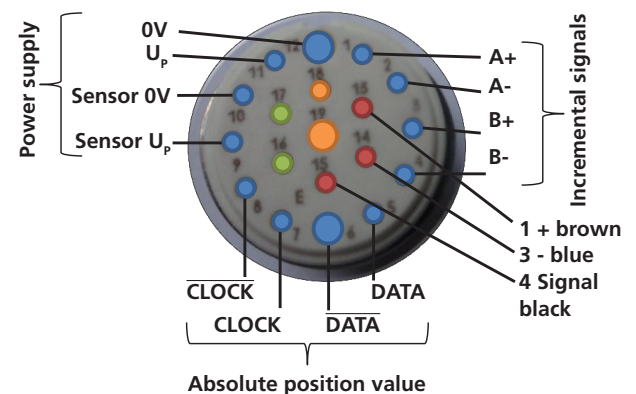
Power connector



- 1: U1 brown
- 2: V1 blue
- 3: PE
- 4: W1 black
- 5: free
- 6: free

Signal connector

- Rotary encoder
- Inductive distance sensor
- Temperature sensor PTC130 Drilling
- Temperature sensor KTY84-130

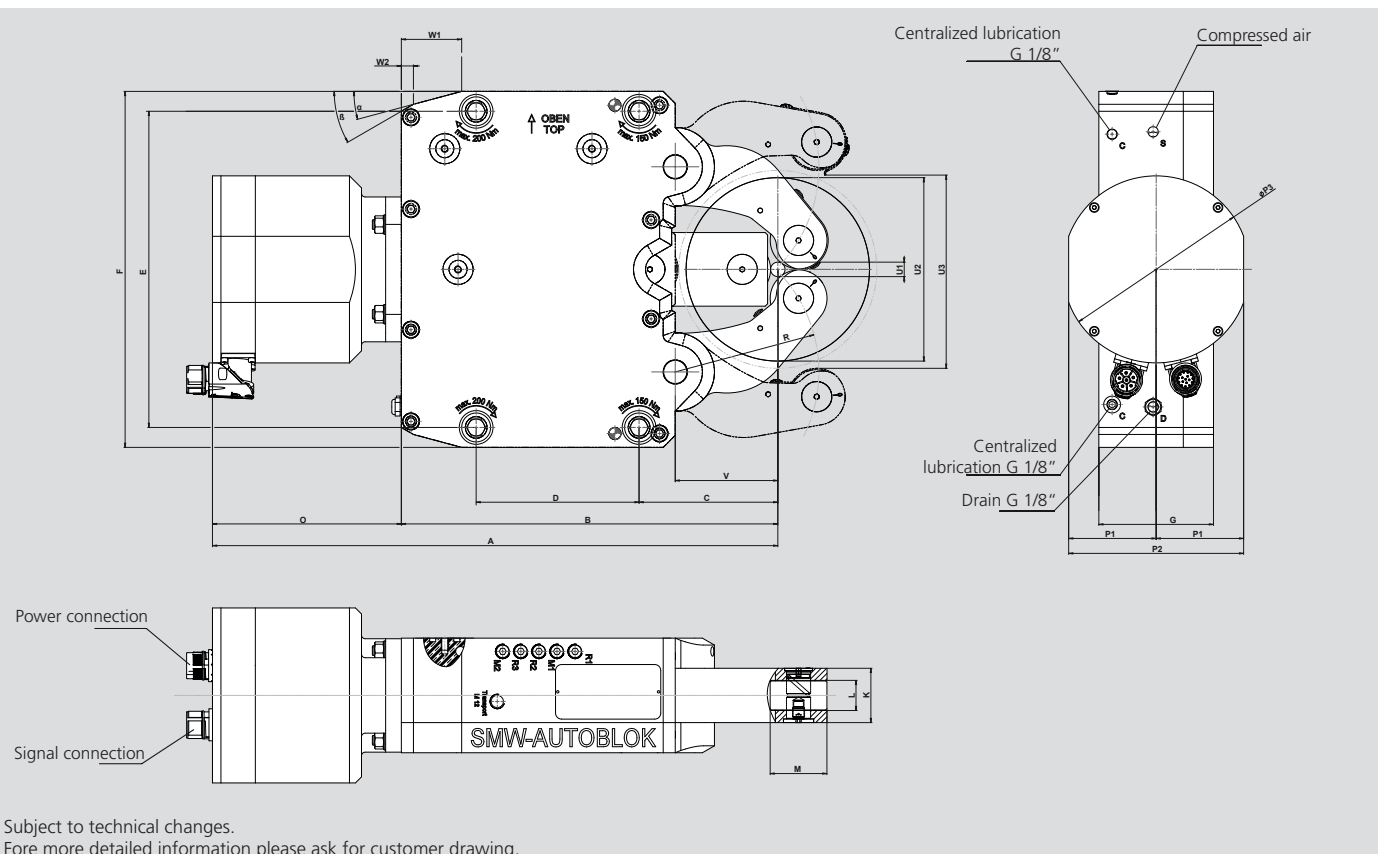


1	A+	5	DATA	9	Sensor UP	13	+	17	PTC
2	A-	6	DATA	10	Sensor 0V	14	-	18	KTY
3	B+	7	CLOCK	11	UP	15	Signal	19	KTY
4	B-	8	CLOCK	12	0V	16	PTC		

SLU-tronic

Electric drive
Premium Line

Technical data



SMW-AUTOBLOK Type Size		SLU-tronic 3
Centering without chip guard	U1	12
	U2	152
Max. axial clearing diameter	U3	160
	A	468.5
	B	312
	C	115
	D	135
	E	262
	F	295
	G	95
	K	45
Roller width	L	25
Roller diameter	M	47
	O	156.5
	P1	72.5
	P2	145
	P3	155
	R	119
	V	85
	W1	50
	W2	10
	α	15°
	β	30°
max. clamping force/roller	daN	1000
Centering accuracy within the whole range	mm	0.04
Repeatability accuracy	mm	0.007
Max. roller surface speed	m/min	725
Weight approx.	kg	56.5

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