



SLX e-motion **335 compact** **MECHATRONIC** **LONG-STROKE VISE**

UNIVERSAL

Extra long jaw stroke

100% ELECTRIC

No hydraulics or pneumatics necessary



SLX e-motion 335 compact

Mechatronic long-stroke vise

- Monitoring of the jaw position / clamping force
- Mechanical maintenance of clamping force in case of power failure



Application/customer benefits

- Mechatronic clamping drive with maintenance of clamping force due to self-locking, spring pack and engine brake
- High total clamping force* 2,5 kN - 27 kN for high cutting performance
- Pre-positioning and clamping force presetting
- Extra long jaw stroke, 55 mm per jaw
- Permanent monitoring of the clamping force and jaw position
- Side connections for power and sensors - bottom connections optional
- e-sensing: inductive component detection / distance measurement (optional)

Technical features

- Total clamping force* 2,5 kN - 27 kN, Close / Open
- Jaw stroke: 55 mm - repeatability ± 0.02 mm
- Self centering clamping (only O.D. clamping)
- Jaw width: 154 mm
- Power supply: 24 V (48 V) / 7,5 A
- Communication interface: Profinet - 2 STO Signals
- Protection class: IP67

Standart equipment

SLX e-motion 335 compact

SLX e-motion

- **Self centering** function via mechanical synchronisation

Monitoring of the clamping force and jaw position

Sealed jaw guideway

Extra long jaw stroke

Mechanical maintenance of clamping force

in case of power failure

M23 hybrid plug

Power 24 V / 7,5 A

Profinet

LED for status

Plug & Play

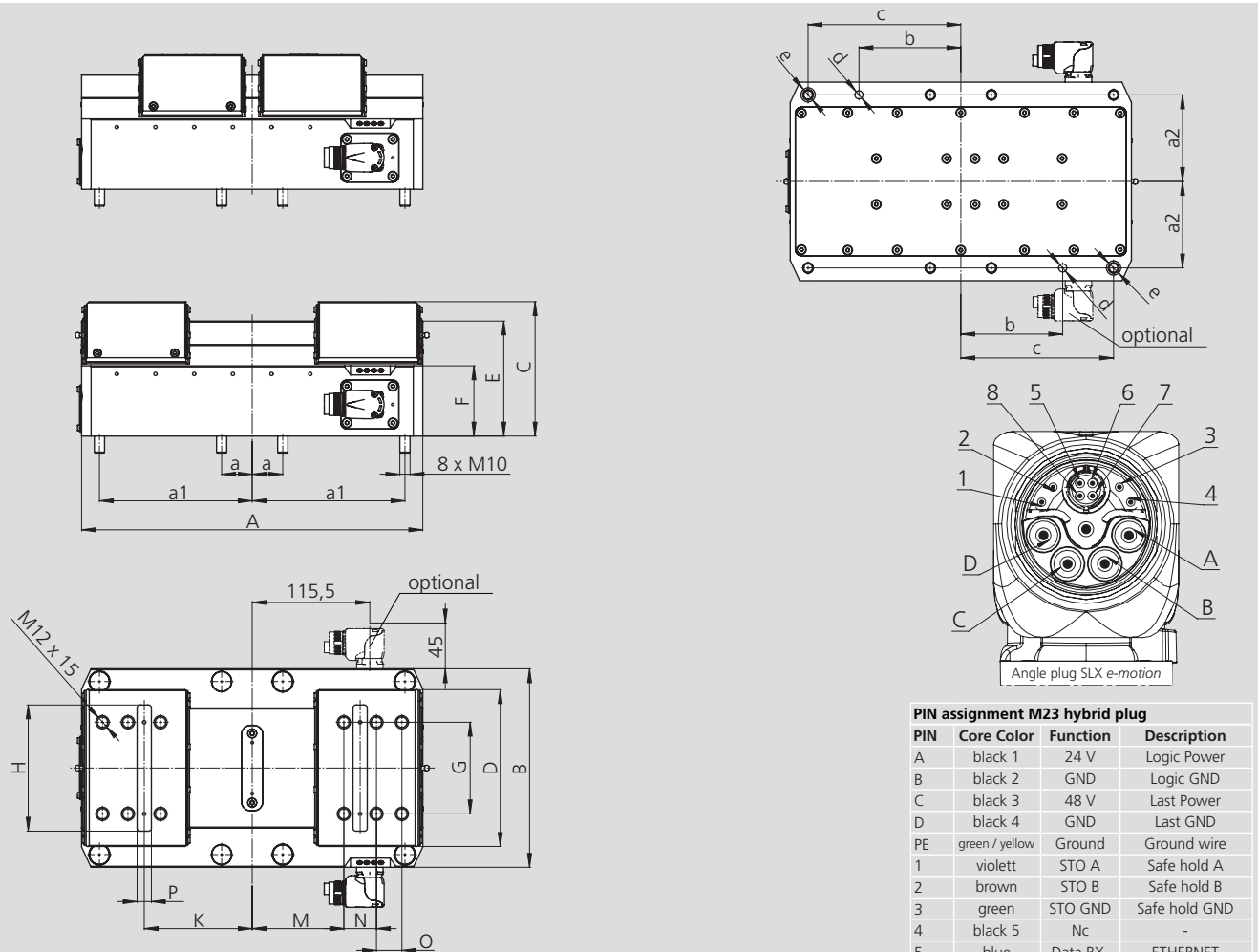


SLX e-motion 335 compact



Integrated control

* Arithmetic total of all moving clamping



Subject to technical changes.
For more detailed information please ask our customer service.

PIN assignment M23 hybrid plug			
PIN	Core Color	Function	Description
A	black 1	24 V	Logic Power
B	black 2	GND	Logic GND
C	black 3	48 V	Last Power
D	black 4	GND	Last GND
PE	green / yellow	Ground	Ground wire
1	violett	STO A	Safe hold A
2	brown	STO B	Safe hold B
3	green	STO GND	Safe hold GND
4	black 5	Nc	-
5	blue	Data RX-	ETHERNET
6	yellow	Data TX+	ETHERNET
7	white	Data RX+	ETHERNET
8	orange	Data TX-	ETHERNET

Type			SLX e-motion 335 compact PN
Id. No.			461960
Length	A	mm	335
	B	mm	195
Jaw width	C	mm	132
	D	mm	154
	E	mm	113
	F	mm	69
	G	mm	90
	H	mm	124
Min. / Max.	K	mm	51 / 106
Min. / Max.	M	mm	35 / 90
	N	mm	32
	O	mm	25
	P	mm	14 H ⁷ / 4 tief
	a / a1 / a2	mm	30 / 150 / 85
	b	mm	100 ± 0.02
	c	mm	150 ± 0.02
	d	mm	Ø8 H ⁷
	e	mm	Ø14 H ⁷
Max. clamping force		kN	27
Stroke per jaw		mm	55
Repeatability		mm	0.02
Traversing speed per jaw		mm/s	2
Voltage (actuators)		V	24 / 48
Max. Current consumption (actuators)		A	7.5
Voltage (sensors)		V	24 V
Max. Current consumption (sensors)		A	0.5 A
Communication interface			Profinet
STO signals (option)			2
Max. workpiece weight		kg	270
Weight		kg	44,3

M23 HYBRID CONNECTOR CABLE (male connector one-sided, open cable end)



Type	M23 Connector cable 3M	M23 Connector cable 7.5M	M23 Connector cable 10M
Id. No.	0E013566	0E013016	0E013567
Length	3 m	7.5 m	10 m
Cable structure	(5x 2.5 + 2x (2x 0.5) + (4 x 0.34) C) C		
Outer cable diameter	15.50 mm ± 0.5 mm		
Outer casing material	PUR		
Outer casing colour	orange RAL 2003		
Nominal voltage cable	1000 V (300 V signal)		
Smallest bending radius fixed	73 mm		
Smallest bending radius flexible	148 mm		
Ambient temperature	-40° C ... 80°C		
Special features	suitable for drag chains		

Notes

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