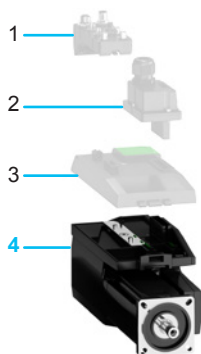


Lexium 32i

Integrated servo drive

Lexium BMI servo motor



Lexium 32i:
 1: Connection module
 2: Connection module for mains supply
 3: Control unit
 4: BMI drive

References

To order a BMI drive (Lexium BMI servo motor + power stage) replace the “●” with the values given in the table below

		BMI	●	●	●	●	●	●	●	●
Flange size	70 mm/2.76 in.		0	7	0					
	100 mm/3.94 in.		1	0	0					
Number of stages	2 stages							2		
	3 stages							3		
Power supply	Single-phase (1) (2)								T	
	Three-phase (3)								P	
Motor shaft and degree of protection	IP54 for shaft (4) and IP65 for casing	Smooth							0	
		Keyed							1	
	IP65 for the unit	Smooth							2	
		Keyed							3	
Encoder type	Single-turn SinCos Hiperface® 131,072 points/turn 128 sine/cosine periods per turn									1
	Multi-turn SinCos Hiperface® 131,072 points/turn x 4096 turns 128 sine/cosine periods per turn									2
	Single-turn SinCos Hiperface® 32,768 points/turn 16 sine/cosine periods per turn									6
	Multi-turn SinCos Hiperface® 32,768 points/turn x 4096 turns 16 sine/cosine periods per turn									7
Brake	With brake									F
	Without brake									A

(1) Requires a single-phase power supply module for Lexium 32i, reference VW3M9001.

(2) Lexium BMI1003●●●● servo motors are only available with a three-phase power supply.

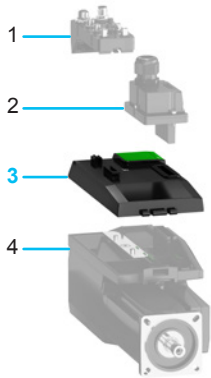
(3) Requires a three-phase power supply module for Lexium 32i, reference VW3M9002.

(4) Requires horizontal mounting (IMB5) or vertical mounting with shaft end at the top (IMV1).

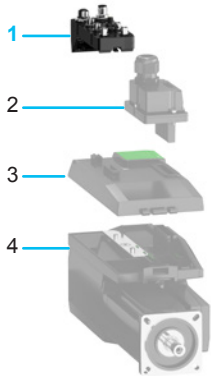
Lexium 32i

Integrated servo drive

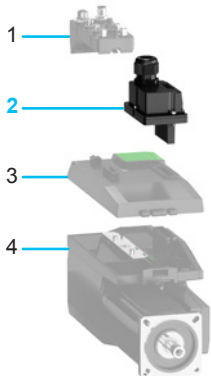
Control units, connection modules, power supply, and accessories



Lexium 32i:
1: Connection module
2: Connection module for mains supply
3: Control unit
4: BMI drive



Lexium 32i:
1: Connection module
2: Connection module for mains supply
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Lexium 32i:
1: Connection module
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Control unit and connection modules for CANopen DS402/CANmotion machine bus (1)

Description	Bus type			Reference	Weight kg/lb
Control unit	CANopen DS402, CANmotion			LXM32ICAN	0.636 1.402
Description	Bus connector	Number of I/O	STO function		
Connection module for connection via industrial connectors Positive logic inputs (Source)	2 x M12 connectors	4 logic inputs with M8 connectors	Yes (2)	VW3M9101	0.220/0.485
			–	VW3M9102	0.214/0.472
		2 logic inputs with M8 connectors	Yes (2)	VW3M9103	0.222/0.489
			–	VW3M9104	0.211/0.465
Connection module for connection via industrial connectors Negative logic inputs (Sink)	2 x M12 connectors	4 logic inputs with M8 connectors	Yes (2)	VW3M9201	0.226/0.498
			–	VW3M9202	0.218/0.481
		2 logic inputs with M8 connectors	Yes (2)	VW3M9203	0.218/0.481
			–	VW3M9204	0.206/0.454
Connection via internal spring terminals Top section with 8 cut-outs for cable glands (3): 6 x M12 and 2 x M16	–	4 logic inputs 2 logic outputs	Yes	VW3M9105	0.236/0.520

Control units and connection modules for EtherCAT bus and EtherNet (PROFINET) network (1)

Description	Bus type			Reference	Weight kg/lb
Control units		EtherCAT bus		LXM32IECT	0.637/ 1.404
		EtherNet (PROFINET) network		LXM32IETH	0.630/ 1.388
Description	Bus connector	Number of I/O	STO function		
Connection modules for connection via industrial connectors	2 x M12 connectors	4 logic inputs with M8 connectors	Yes (2)	VW3M9106	0.220/0.485
			–	VW3M9107	0.212/0.472
Positive logic inputs (Source)		2 logic inputs with M8 connectors	Yes (2)	VW3M9108	0.212/0.467
			–	VW3M9109	0.204/0.450
		2 logic inputs with M8 connectors and 2 logic inputs/ouputs with M8 connectors	Yes (2)	VW3M9116	0.220/0.485
			–	VW3M9117	0.220/0.485
Connection modules for connection via industrial connectors	2 x M12 connectors	4 logic inputs with M8 connectors	Yes (2)	VW3M9206	0.220/0.481
			–	VW3M9207	0.216/0.476
Negative logic inputs (Sink)		2 logic inputs with M8 connectors	Yes (2)	VW3M9208	0.230/0.507
			–	VW3M9209	0.204/0.450
		2 logic inputs with M8 connectors and 2 logic inputs/ouputs with M8 connectors	Yes (2)	VW3M9216	0.220/0.485
			–	VW3M9217	0.220/0.485
Connection modules via internal spring terminals	–	4 logic inputs 2 logic outputs	Yes	VW3M9110	0.238/0.525
Top section with 8 cut-outs for cable glands (3): 6 x M12 and 2 x M16					

Connection modules for mains supply for Lexium 32i

Description	Reference	Weight kg/lb
Single-phase connection module for mains supply	VW3M9001	0.500/1.102
Three-phase connection module for mains supply	VW3M9002	0.500/1.102

Accessories

Description	Reference	Weight kg/lb
Lot of 5 green covers for LXM32ICAN control unit	LXM32ICANGC	0.170/0.374
Lot of 5 green covers for LXM32IECT control unit	LXM32IECTGC	0.171/0.376

(1) Connector sets, see page 11.

(2) Requires a cordset for the STO function for more information, see page 11.

(3) To be ordered separately, see page 11.