

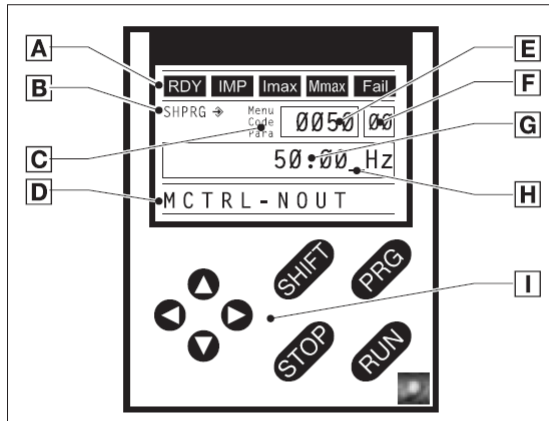
Keypad XT operating module

Diagnosis terminal (complete with Keypad XT)	Order no.	E82ZBBXC
Diagnosis terminal (complete with Keypad)	Order no.	E82ZBB

The Keypad XT is available for visualising operating parameters and parameter settings for the inverter. Eight keys and a text display provide quick and easy access to the inverter parameters via the transparent menu structure. The Keypad XT is also used for the purposes of status display and error diagnostics. In addition, its built-in memory can be used to transfer parameters to other inverters.

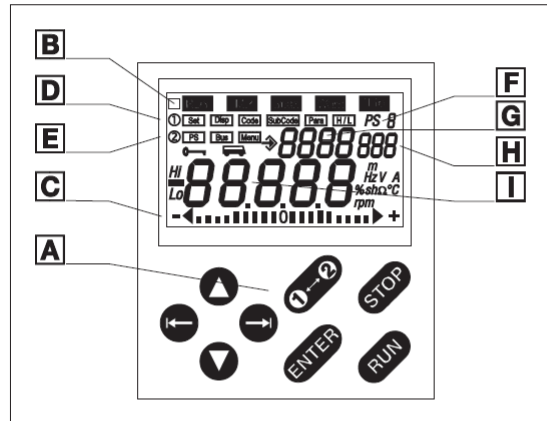
For ease of handling, the Keypad XT is housed in an easy-to-use diagnosis terminal. A connecting cable is required for the connection to the 8200 motec/starttec. The Keypad XT can also be used on 8200 vector, 9300 vector, 9300 servo and Drive PLC devices.

The Keypad is suitable for installation in the control cabinet. The differences between the Keypad XT and Keypad are listed in the "Features" overview.



Keypad XT

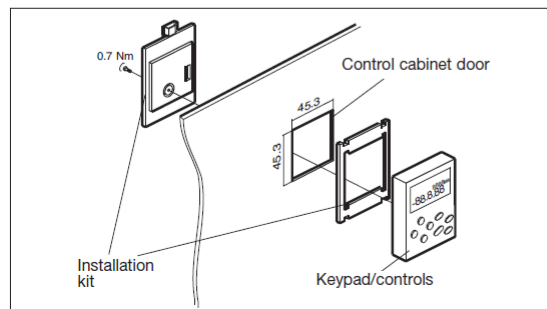
- A Status displays
- B Transfer parameters
- C Active level
- D Help text
- E Menu or code number
- F Menu or subcode number
- G Parameter
- H Cursor
- I Function keys



Keypad

- A Function keys
- B Status displays
- C Bar graph display
- D Function bar 1
- E Function bar 2
- F Parameters for change
- G Code number
- H Subcode number
- I Parameter value with unit

Dimensions of control cabinet assembly kit (Keypad only)



Features

	Keypad XT	Keypad
Plain text display	✓	-
Menu structure	✓	-
Predefined basic configurations	✓	-
Text display	✓	✓
Control keys	8	8
Non-volatile storage for parameter transfer	✓	✓
Password protection	✓	✓
Control cabinet installation	-	✓
Configurable menu ("user menu")	✓	✓
Application-specific menus	✓	-
"Quick start-up" menu	✓	-
Can be used with	8200 vector, 8200 motec, Drive PLC, 9300 vector, 9300 servo, starttec	8200 vector, 8200 motec, starttec
Diagnosis terminal	✓	✓
Degree of protection	IP 20	IP 55




Diagnosis terminal with Keypad XT and connecting cable

Additional accessories	Order no.
Keypad (without diagnosis terminal) ³⁾	E82ZBC
Control cabinet installation kit ²⁾	E82ZBHT
2.5 m connecting cable ¹⁾	E82ZWL025
5 m connecting cable ¹⁾	E82ZWL050
10 m connecting cable ¹⁾	E82ZWL100

¹⁾ The connecting cable is required to connect the diagnosis terminal or control cabinet installation kit with the 8200 motec or starttec.

²⁾ The additional control cabinet installation kit is required if the keypad (only E82ZBC) is to be installed in the door of the control cabinet. (IP55 protection)

³⁾ Can only be used on the 8200 motec and starttec in conjunction with control cabinet installation kit E82ZBHT.

Pin assignment 9-pin Sub-D socket				Basic structure
Pin	Designation	Input (I)/ Output (Q)	Explanation	
1	-	-	Not assigned	 <p>8200 motec/starttec</p>
2	RxD	I	"Data receive" cable	
3	TxD	Q	"Data send" cable	
4	DTR	Q	Send control	
5	GND	-	Reference potential	
6	DSR	I	Not assigned	
7	-	-	Not assigned	
8	-	-	Not assigned	
9	GND		Reference potential for T/R (A), T/R (B) and +5 V	



Diagnosis terminal with PC interface (RS232) (type E82ZBL-C) and RS232 PC system cable (EWL0048)



Connecting the AS-i network cables

The network cables can be connected quickly and easily using AS-i flexible PCB (type E82ZMFF). The cables are fixed in place in a cable entry fitting in the carrier housing (M16).



AS-i flexible PCB connection (type E82ZMFF)

Additional connecting cables are required for the connection to 8200 motec/starttec and to the PC.

Additional accessories	Order no.
2.5 m connecting cable ¹⁾	E82ZWL025
5 m connecting cable ¹⁾	E82ZWL050
10 m connecting cable ¹⁾	E82ZWL100
0.5 m PC system cable RS232	EWL0048
5 m PC system cable RS232	EWL0020
10 m PC system cable RS232	EWL0021

¹⁾ The connecting cable is required to connect the diagnosis terminal or control cabinet installation kit with the 8200 motec or starttec.