



ED9200

External display unit

External display unit for controlling EXOflex, Corrigo E or EXOcompact. The display offers full external control when the controller is mounted in a panel or similar. ED9200 can also be used as a portable hand terminal.

- Can be used in combination with EXOflex, Corrigo E* or EXOcompact*
- Background illuminated LCD-display, 4 rows with 20 characters a row
- User-friendly keypad

Description

ED9200, external display, is an independent display & configuration unit which can be connected to either EXOflex, Corrigo E* or EXOcompact* via two different electrical interfaces. When it is connected to EXOflex, it is a free-standing PIFA which can be connected to a processor house via the EFX-channel.

The display can be connected in two ways, either temporarily in the front panel of the Power PIFA via a quick cable connection, or permanently via screw connectors.

ED9200 is delivered with a drill template for easy installation on a panel front or similar.

Software requirements

- * EXOreal 2.8-1-26 or later for EXOflex
- * EXOreal 2.8-1-29 or later for EXOcompact and Corrigo E
- * EXOdesigner or EXOapt 2004 with software patches

For full advantage of the four row display in older systems, a software patch for EXOapt 2004 is required or EXOdesigner must be used.

Compatibility with EP9040 (LOT)

ED9200 can be connected to an EXOflex configured for EP9040 (not meeting the software requirements above). The display will work but only the two upper text rows will be displayed.

For correct function with EXOcompact and Corrigo E, the software requirements above must be fulfilled.

- Durable keypad, protection class IP41
When front mounted with sealant kit, IP65
- Built-in beeper (only with EXOflex)
- The unit is compatible with EP9040

Wiring

There are a number of cables for fast connection, see overleaf. For connection to Corrigo E or EXOcompact, an EK12 or EK14 cable should be used.

Indication lamps

The indication lamps have the following functions:

Symbol	Function	Colour
🔔	There is one or more unacknowledged alarm(s)	Flashing red
	There is one or more remaining, acknowledged alarm(s)	Fixed red
✎	You are in a dialog box where it is possible to switch to change mode	Flashing yellow
	Change mode	Fixed yellow
P	Power supply	Green
C	Communication with process station	Green

* Only possible with Corrigo E and EXOcompact without display.

Models

ED9200	Basic model
ED9200IP65	Same as basic model but with higher protection class

Technical data

Protection class	IP41 (ED9200), IP65 (ED9200IP65)
Character height display	4,75 mm



This product conforms with the requirements of European EMC standards CENELEC EN61000-6-1 and EN61000-6-3 and carries the CE-mark.

	With Corrigo E or EXOcompact	With EXOflex
Power supply	internal supply via communication cable	24 V DC, via the EFX-channel
Tolerance	-	18...30 V DC
Power consumption	-	50 mA
Communication port	serial, special	The EFX-channel
Max cable length	10 m	200 m

Connections

Connection terminal ED9200	
Terminal	Connection to EXOflex
1	+ 24 V
2	N (0 V)
3	A (EFX-channel)
4	B (EFX-channel)
Terminal	Connection to Corrigo E/EXOcompact
5	SDO - Yellow
6	SDI - Orange
7	SCL - Red
8	N (0 V) - Brown
9	+ 5 V - Black

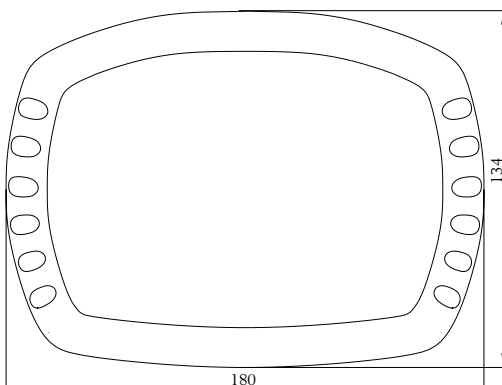
Connection for permanent connection to EP1011		
ED9200	Function	Terminal EP1011
1	+ 24 V	4
2	N (0 V)	3
3	A	2
4	B	1

Connection for fast connection to front of EP1011			
ED9200	Function	Cable colour	USB EP1011
1	+ 24 V	Red	1
2	N (0 V)	Black	4
3	A	White	3
4	B	Green	2

Dimensions & wiring

Dimensions (w x h x d)

180 x 134 x 23 mm



Wiring

Wiring for connection to EXOflex

EK10, Four-wire cable with connection to EXOflex Main Power PIFA for use via EFX-channel. (USB type A male connector and stripped free end).

EK10 - Connecting cable, display unit ED9200, 1.5 m
For other cable lengths, use type CAT-5.

Wiring for connection to Corrigo E* or EXOcompact*

EK12...14, Four-wire cable with connection to Corrigo E/EXOcompact.

EK12 - Connecting cable, display unit ED9200, 3 m
EK14 - Connecting cable, display unit ED9200, 10 m

At the bottom of Corrigo E/EXOcompact, there is an RJ12 modular jack for fast connection.

* Only possible with EXOcompact without display.