ED9200

External display unit

External display for control of EXOflex, Corrigo or EXOcompact. The display offers full external control access for controllers mounted inside of a cabinet, etc. ED9200 can also be used as a portable hand terminal.

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

Installation

The display can be connected in two ways; either temporarily via quick connection to the front of the PIFA, or through permanent connection via terminals.

ED9200 is supplied with a drill template to facilitate installation into e.g. a panel front.

Compatibility

Third generation EXOcompact and Corrigo supports use of ED9200 and an internal display at the same time. Earlier versions support either only an external or an internal display.

ED9200 can be connected to an EXOflex configured for EP9040 but which does not use version 2.8-1-29 or later of the EXOreal software. In this case, however, the display will show only the two upper rows of text. For correct functionality with EXOcompact and Corrigo, the above software requirements must be fulfilled.

Cabling

A number of cables are available for quick connection (see overleaf). For connection to a first or second generation Corrigo or EXOcompact, an EK12 or EK14 model cable should be used. However, prefabricated cables of these models cannot be used for third generation controllers, as the modular plug is different.

Quick facts about ED9200

- **Can be used for EXOflex, Exigo, EXOdos, Corrigo or EXOcompact**
- **Backlit LCD display with 4 rows of 20 characters each**
- **User-friendly keypad**
- **Durable buttons with protection class IP41, IP65 when front mounted with sealant kit**
- **Built-in beeper (only with EXOflex)**
- **The unit is compatible with EP9040**

LED indicators

The LED indicators have the following functions:

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

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Models

ED9200	Basic model
ED9200IP65	Like basic model, but with higher protection class

Technical data

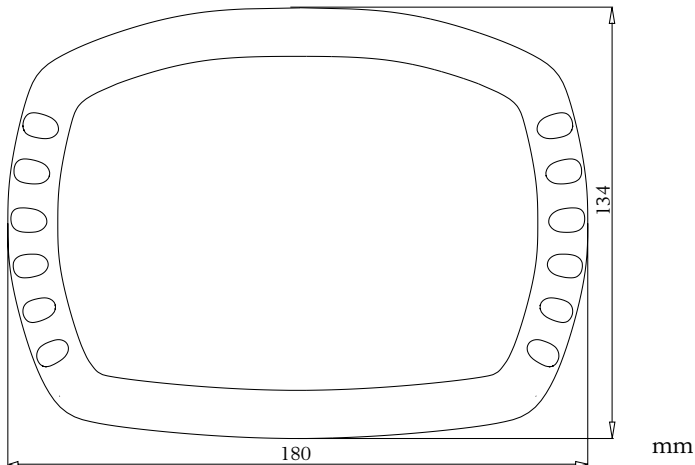|	
Protection class	IP41(ED9200), IP65 (ED9200IP65)
Character height display	4.75 mm

CE

EMC emissions and immunity standard: This product conforms to the requirements of the EMC Directive 2004/108/EC through product standards EN 61000-6-1 and EN 61000-6-3.

RoHS: This product conforms to the Directive 2011/65/EU of the European Parliament and of the Council.

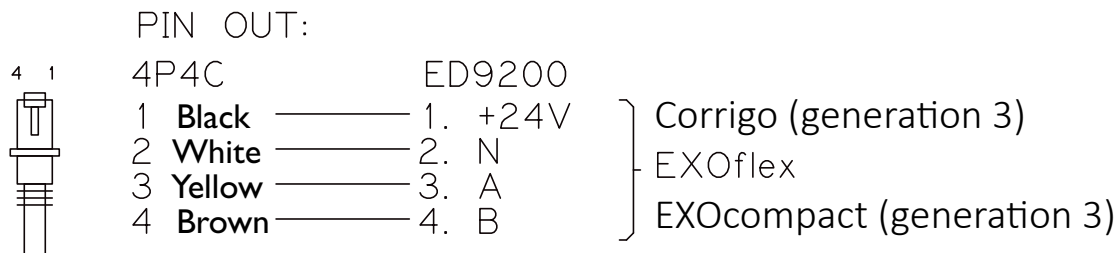|	**With Corrigo, Exigo, EXOdos or EXOcompact**	**With EXOflex**
Power supply	Internal supply via communication cable	24 V DC, via EFX channel
Cabling	EK12 (3 m), EK14 (10 m) (generation 1 & 2) EDSP-K3 (3 m), EDSP-K10 (10 m) or self-made cable (generation 3)	Cat 5
Cable type when self-made	26AWG	Cat 5
Quick connection when self-made	4P4C (generation 3)	USB type A male connector
Tolerance	-	18...30 V DC
Power consumption	-	50 mA
Communication port	Serial, special	EFX channel
Max. cable length	10 m (generation 1 & 2), 100 m (generation 3)	200 m
Software requirements	EXOreal 2.8-1-29 or later	EXOreal 2.8-1-26 or later

Dimensions

180 x 134 x 23 (w x h x d)

mm

Connections & wiring

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/EXOcompact (generation 2)**
5	SDO - Yellow
6	SDI - Orange
7	SCL - Red
8	N (0 V) - Brown
9	+ 5 V - Black

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

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

Corrigo and EXOcompact gen. 3

4P4C


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PIN OUT:
4P4C            ED9200
1  Black ——————— 1. +24V  ┐  Corrigo (generation 3)
2  White ——————— 2. N     ├  EXOflex
3  Yellow —————— 3. A     │
4  Brown ——————— 4. B     ┘  EXOcompact (generation 3)
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