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.

✓ Can be used with 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

Application

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, see www.regincontrols.com.

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. For connection to a first or second generation Corrigo or

ED9200

REGIN
THE CHALLENGER

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.

LED indicators

Symbol	Colour	Function
🔔	Flashing red	One or more unacknowledged alarms
🔔	Fixed red	One or more remaining acknowledged alarms
🖉	Flashing yellow	You are in a dialogue box where it is possible to switch to change mode
🖉	Fixed yellow	Change mode active
P	Green	Power supply
C	Green	Communication with process station

≋REGIN
THE CHALLENGER

Technical data

Protection class	IP41 (ED9200), IP65 (ED9200IP65)
Character height display	4.75 mm
Ambient temperature	5…40°C
Storage temperature	-40…+50°C
Ambient humidity	5…95 % RH
Dimensions	180 x 134 x 23 (w x h x d)

Technical data, depending on application

	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
Max. cable length	10 m (generation 1 & 2), 100 m (generation 3)	200 m
Tolerance	-	18…30 V DC
Power consumption	-	50 mA
Communication port	Serial, special	EFX channel
Software requirements	EXOreal 2.8-1-29 or later	EXOreal 2.8-1-26 or later

CE

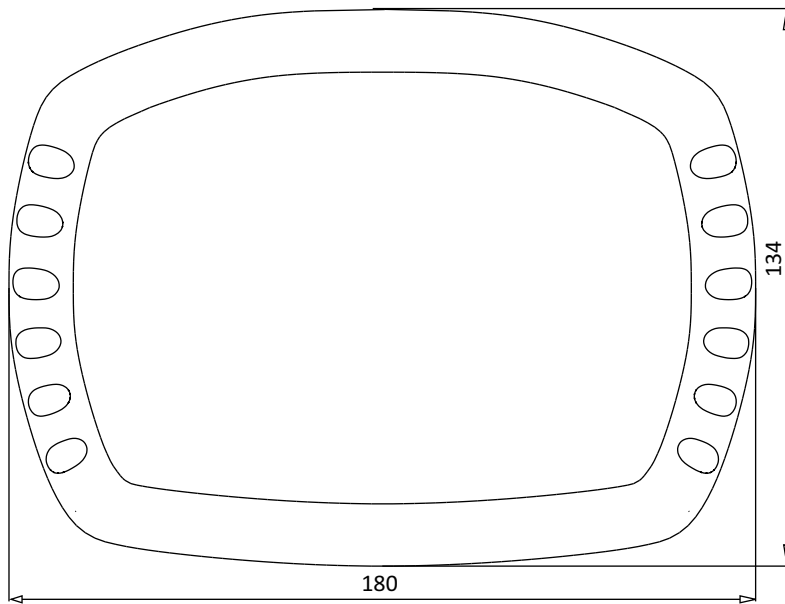This product carries the CE-mark. More information is available at www.regincontrols.com.

Models

Article	Protection class
ED9200	IP41
ED9200IP65	IP65

Accessories

Article	Description
EK12	Cable for connection of ED9200 to Corrigo or EXO compact (generation 1 & 2), 3 m
EK14	Cable for connection of ED9200 to Corrigo or EXO compact (generation 1 & 2), 10 m
EDSP-K3	Display cable, 3 m
EDSP-K10	Display cable, 10 m

HEAD OFFICE SWEDEN

Phone: +46 31 720 02 00
Web: www.regincontrols.com
E-mail: info@regincontrols.com

ED9200

— 3 (5) —

REGIN
THE CHALLENGER

Dimensions

[mm]

Wiring and connections

Table 1 Connection terminal ED9200,

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

Table 2 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

HEAD OFFICE SWEDEN

Phone: +46 31 720 02 00
Web: www.regincontrols.com
E-mail: info@regincontrols.com

ED9200

— 4 (5) —

REGIN
THE CHALLENGER

Table 3 Wiring for quick connection to front of EP1011

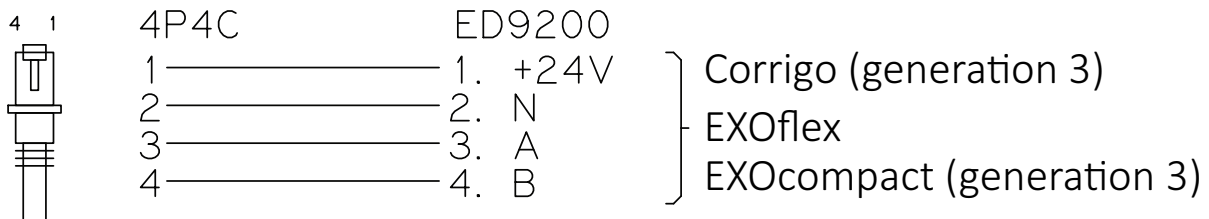| ED9200	Function	Cable colour	USB EP1011
1	+ 24 V	Red	1
2	N (0 V)	Black	4
3	A	Green	3
4	B	White	2
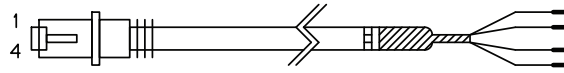
Fig. 1 Wiring for Corrigo and EXOcompact, generation 3

Documentation

All documentation can be downloaded from www.regincontrols.com.

HEAD OFFICE SWEDEN
Phone: +46 31 720 02 00
Web: www.regincontrols.com
E-mail: info@regincontrols.com

ED9200

— 5 (5) —

≋REGIN
THE CHALLENGER