

# Johnson Controls DC/DX 9100

# J91

## DRIVER TYPES

	COMM	CFE
DOS	4.23TL	4.23TL
WIN	4.23TL	4.23TL
NT	6.00-7	
Win 2000	6.00-7	
XP	6.00-7	

## SUPPORTED HARDWARE

Johnson Controls DC-9100, Johnson Controls DX-9100 and Johnson Controls TC-9100 version 1.1 or later. Expansion modules to the DX can be used via the built in XT-bus in the DX-controller.

## PROTOCOL

Direct Link	
Multi-drop	X
Communication Network	

Baud rate, parity and stopbits are user definable. Support for 32 controllers per serial link (2-wire RS-485). 2 serial ports are supported . A RS-232C/RS-485 converter is required.

## SUPPORTED MESSAGES/DATA AREAS

The following messages are supported:

Read data  
Write data  
Read timechannel data  
Write timechannel data  
Write Date and Time

The driver automatically converts the datatype in the controller (8, 16 or 32 bit width) to a standard format in the FIX.

## DATA TYPES

<b>DIGITAL</b>	Bytes with 8 digital points, words with 16 digital points
<b>ANALOG</b>	16-bit analog values (Johnson Controls floating point format)

**Headoffice Sweden**  
Novotek Sverige AB  
Box 16014  
(Industrigatan 39)  
SE-200 25 Malmö  
Phone +46-40-671 8900  
Fax +46-40-94 7617  
E-mail: info@novotek.se

**Denmark**  
Novotek APS  
  
Naverland 2  
DK-2600 Glostrup  
Phone +45-4343 3717  
Fax +45-4343 5225  
E-mail: info@novotek.dk

**Norway**  
Novotek AS  
  
Pb 2036  
N-3255 Larvik  
Phone +47-3316 5800  
Fax +47-3316 5801  
E-mail: info@novotek.no

**Germany**  
Novotek GmbH  
P.O. box 230  
Rendsburger Strasse 10-12  
DE-30659 Hannover  
Phone +49-511 6101 740  
Fax +49-511 6101 7474  
E-mail: info@novotek.de

**Finland**  
Dosesoft Oy  
  
Torpankatu 28  
SF-05801 Hyvinkää  
Phone +358 1987 1131  
Fax +358 3253 2750  
E-mail: info@dosesoft.fi

**Retailer in Iceland**  
Logic EHF  
  
Nethyl 2  
IS-110 Reykjavik  
Phone +354-577 5560  
E-mail: johann@logic.is

## REQUIRED VENDOR SOFTWARE

None.

## SIGNAL CONDITIONING

<b>WORD</b>	16 bits data
<b>LONG</b>	32 bit data
<b>BCD</b>	Time data in time channels
<b>FP</b>	16 Bit Johnson Controls floating points scaled to EGU

## COMMUNICATIONS PERFORMANCE

Supports data speeds up to 9600

## MANUAL

J91DOC.PDF available at [www.novotek.com](http://www.novotek.com).

## DEMO

J91.ZIP available at [www.novotek.com](http://www.novotek.com).

**Headoffice Sweden**  
Novotek Sverige AB  
Box 16014  
(Industrigatan 39)  
SE-200 25 Malmö  
Phone +46-40-671 8900  
Fax +46-40-94 7617  
E-mail: info@novotek.se

**Denmark**  
Novotek APS  
Naverland 2  
DK-2600 Glostrup  
Phone +45-4343 3717  
Fax +45-4343 5225  
E-mail: info@novotek.dk

**Norway**  
Novotek AS  
Pb 2036  
N-3255 Larvik  
Phone +47-3316 5800  
Fax +47-3316 5801  
E-mail: info@novotek.no

**Germany**  
Novotek GmbH  
P.O. box 230  
Rendsburger Strasse 10-12  
DE-30659 Hannover  
Phone +49-511 6101 740  
Fax +49-511 6101 7474  
E-mail: info@novotek.de

**Finland**  
Dosesoft Oy  
Torpankatu 28  
SF-05801 Hyvinkää  
Phone +358 1987 1131  
Fax +358 3253 2750  
E-mail: info@dosesoft.fi

**Retailer in Iceland**  
Logic EHF  
Nethyl 2  
IS-110 Reykjavik  
Phone +354-577 5560  
E-mail: johann@logic.is