

# Hartmann & Braun Digitric P I/O Driver

# DIG

## DRIVER TYPES

	COMM	RES	CFE	ACE
<b>DOS</b>				
<b>WIN</b>				
<b>NT</b>	6.00-5			
<b>Win 2000</b>	6.00-5			
<b>XP</b>	6.00-5			

## SUPPORTED HARDWARE

Supports Hartmann & Braun Digitric P controllers with internal software dated week 24, 1989, or later

## PROTOCOL

<b>Direct Link</b>	
<b>Multi-drop</b>	X
<b>Communication Network</b>	

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

## SUPPORTED MESSAGES/DATA AREAS

The following messages are supported:

FC=04	Read eight consecutive analog values
FC=05	Read up to 32 bytes of bits from uP RAM
FC=0D	Set and reset bits in uP RAM
FC=07,01	Set an analog value
FC=07,02	Change an analog value
FC=08	Set H/A and I/E in all four controllers

## DATA TYPES

<b>DIGITAL</b>	Bytes with 8 digital points
<b>ANALOG</b>	16-bit analog values (H&B floating point format)

## REQUIRED VENDOR SOFTWARE

None.

**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 A/S  
  
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

## SIGNAL CONDITIONING

<b>NONE</b>	No Signal Conditioning
<b>LIN</b>	16 Bit digitric floating points scaled to EGU. Dependent of the Hardware option selected in the databse block.
<b>PRCT</b>	The raw value in the Digitric controller represents a percent value of the EGU span in the database block.
<b>REL</b>	Relative incrementation and decrementation
<b>ABS, TRNC</b>	Are obsolete and are in the driver only for backward compatibility. Use LIN instead.

## COMMUNICATIONS PERFORMANCE

Supports baud rate up to 19200

## CABLING REQUIREMENTS

## GENERAL LIMITATIONS

## COMMENTS

## MANUAL

## DEMO

## CONTACT PERSON

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