



Catálogo de Produtos

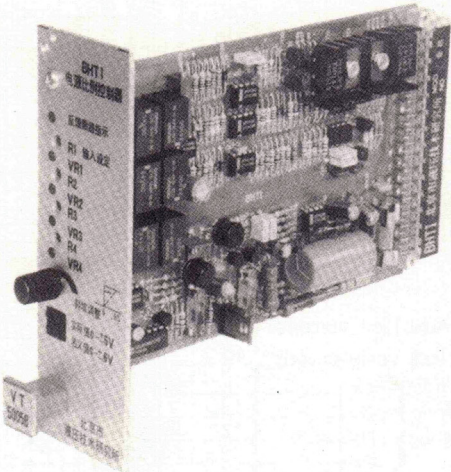
Eletrical amplifier type VT-5007/5008

BEIJING HUADE HYRAULIC INDUSTRIAL GROUP CO.,LTD	Electronic amplifier type VT5007 and VT5008, series 20 for the control of direct operated proportional directional valves with spool position feedback	RC29951/9.2006
		Replaces RC 29951/04.1998

Amplifier type VT5007 and VT5008 are used for controlling directional proportional valve ,with spool position feedback, the valve type 4WRE6...10/24...and 4WRE10...10/24...

They basically consist of:

- a smoothing circuit
- Voltage stabiliser
- 2 Switching power amplifier
- Pulse width modulator
- oscillator and demodulator for the inductive position feedback
- PID regulator
- 4 potentiometers for pre-setting of input signals
- Relais for selecting the input signals
- Ramp generator
- Function generator
- Differential amplifier input



VT 5007 S 10

Suitable card holder
 VT— 3002 RC 29916
 VT— 1516 RC 29915
 VT— 1700 RC 29917

Technical data

Weight	0.40kg
Supply voltage	Full wave rectification 24V _{eff} ± 10%
	3 phase supply 24V–35V _{eff}
Power requirement	50VA
Fuse wire	3A
Controlled voltage	± 9V
The min.load resistance control voltage	500Ω
Max.output current—solenoid A	2.2A
Ambient temperature	0...45°C
The frequency of oscillation	2.5KHz
Space requirement	40mm

For further details,please consult us!

Ordering code

VT 500

BS

20

*

For valve type 4 WRE6...10/24

= 7

For valve type 4 WRE10...10/24

= 8

32 pin linear plug as per DIN41612

(EURO card format)

=S

Further details in clear text

R1 =

Max.ramp time 1_{sec}

R5 =

Max.ramp time 5_{sec}

20 =

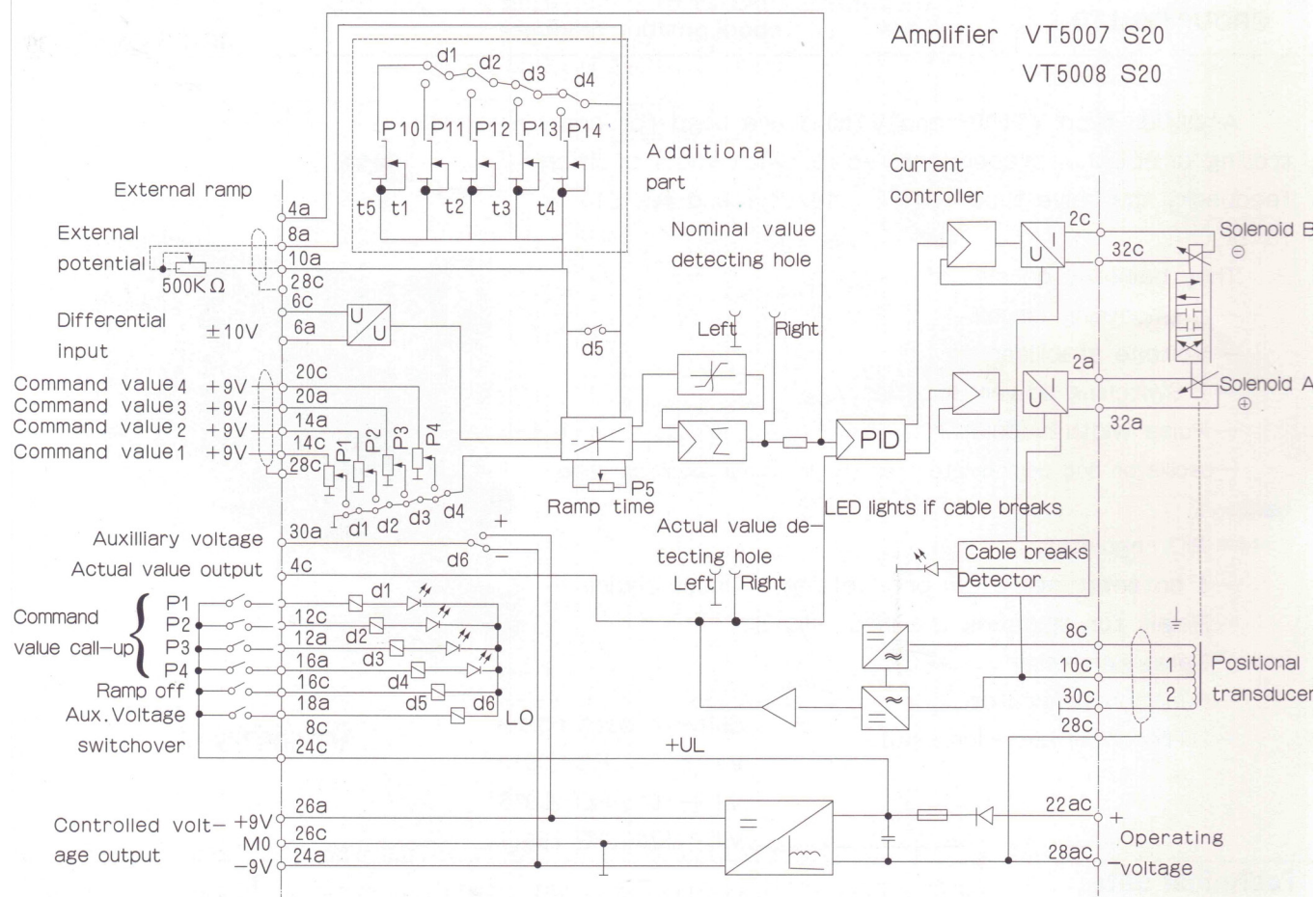
20 Series

(20–29=the amounting dimension remains unchanged)

Huade América

2

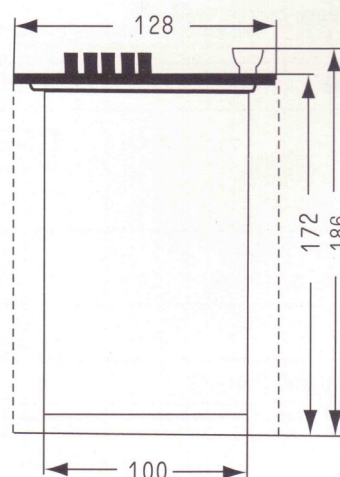
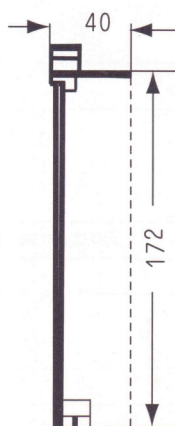
Terminal Connections



- The amplifier card may only be plugged or unplugged when the power is off!
- Measurements to be made with a high resistance meter set on the voltage range!
- Do not connect measuring zero(M0) to 0V operating voltage!
- The distance to aerial lines, radio sources and radar equipment must be at least 1 meter
- Command level inputs may only be switched with contacts suitable for current of $<1\text{mA}$!
- Always shield command value cables; connect the shield on the card side to the 0V operating voltage, leave the other end open.
- Do not lay solenoid and signal cables near power cables.

Unit Dimensions

(dimensions in mm)



ANNOTATIONS :

HUADE AMÉRICA

CEP : 03162-020

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