



Catálogo de Produtos

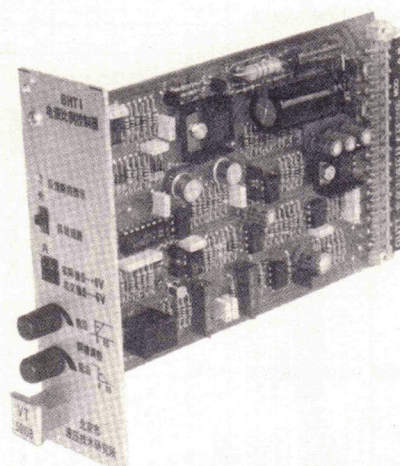
Eletrical amplifier type VT-5024/5025

BEIJING HUADE HYRAULIC INDUSTRIAL GROUP CO.,LTD	Electronic amplifier type VT5024 and VT5025 series 30, for the control of direct operated proportional directionl valves with spool position feedback	RC29949/9.2006
		Replaces RC 29949/04.1998

Amplifier type VT5024 and VT5025 are used for controlling di-
rectional proportional valves with spool position feedback type
4WRE6...10/24...and 4WRE10...10/24...

They basically consist of :

- a smoothing circuit
- Voltage stabiliser
- 2 switching power amplifiers
- 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



VT5024/25 RS 3X

- 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	$24V_{\text{eff}} \pm 10\%$
	3 phase supply	$24V\text{--}35V_{\text{eff}}$
Power requirement	50VA	
Fuse wire	3A	
Controlled voltage	$\pm 9V$	
The min. load resistance control voltage	$500\ \Omega$	
Max. output current—Solenoid A	2.2A	
Ambient temperature	$0\ldots 45^{\circ}\text{C}$	
The frequency of oscillation current	2.5KHz	
Space requirement	40mm	

For further details, please consult us!

Ordering code

VT 50 BS 30 *

For valve 4 WRE6 = 24
For valve 4 WRE10 = 25

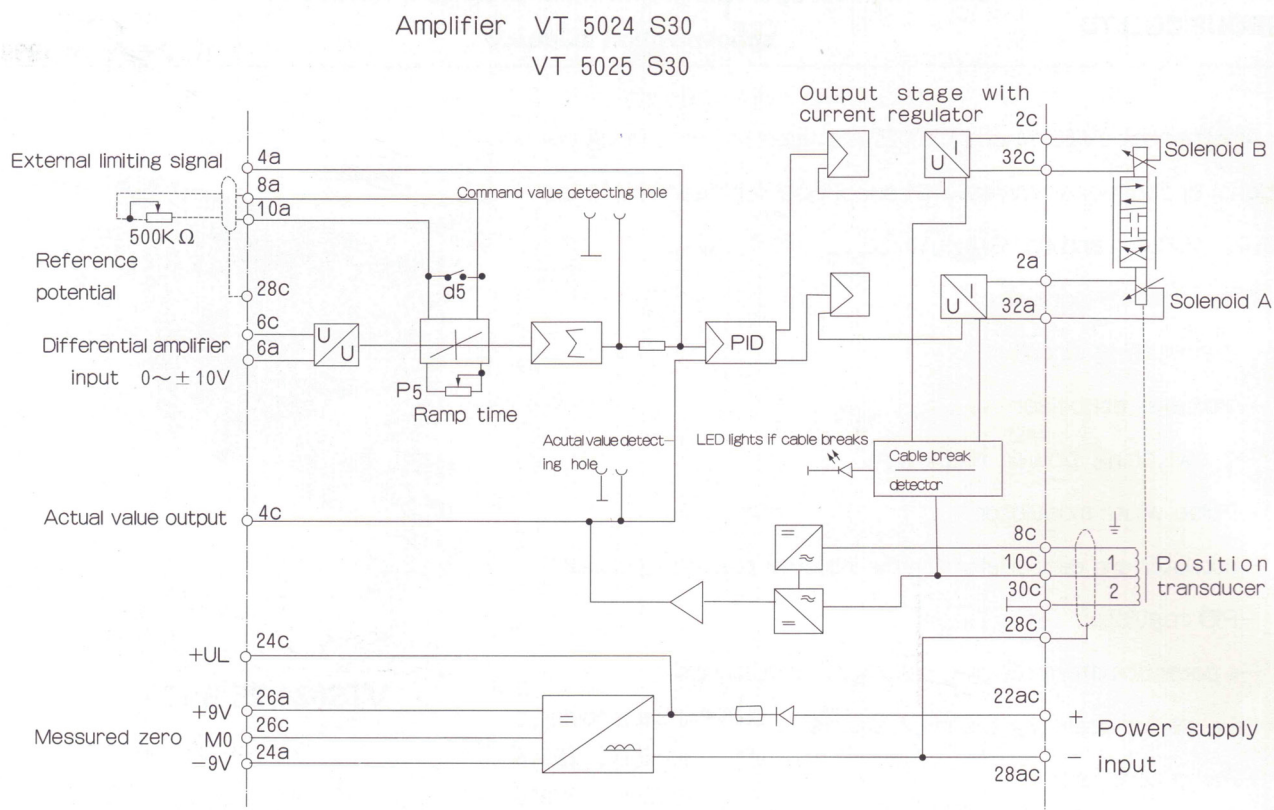
32 pin linear plug as per DIN41612
(EURO card format) =S

Further details in clear text

R1 = Max. ramp time 1_{sec}
R5 = Max. ramp time 5_{sec}

30 = 30 Series
(30–39=the amounting dimension remains unchanged)

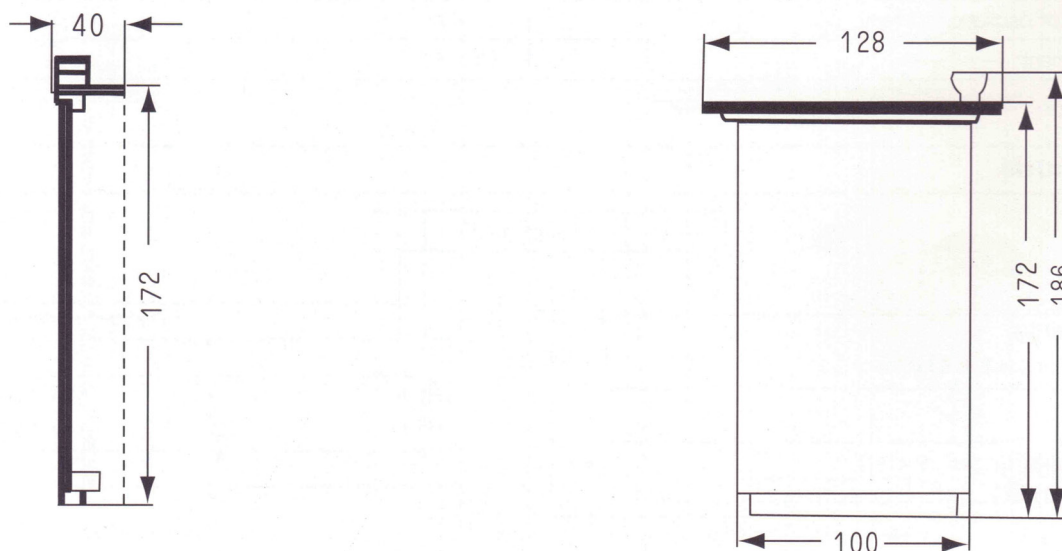
Terminal connection



- The amplifier card may only be plugged or unplugged when the power is switched 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 <1mA!
- 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

RUA HIPÓDROMO 1445 – MOOCA, SÃO PAULO, SP, BRASIL

TEL : (11) 3186-5959

huade@huade.com.br

www.huade.com.br