



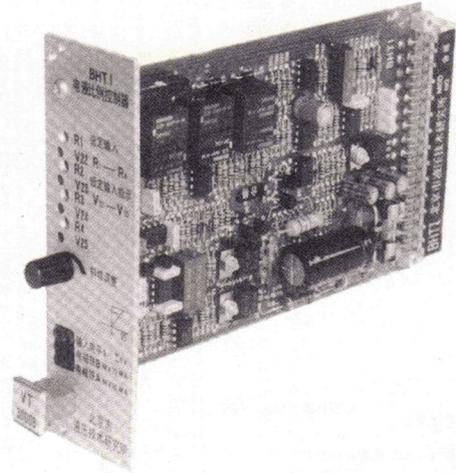
Catálogo de Produtos

Electrical amplifier type VT-3000

Amplifier type VT—3000 is used for controlling directional proportional valves.

It basically consists of:

- Voltage stabiliser
- 4 potentiometers for pre—setting of input signals
- Relais for selecting the input signals
- Ramp generator
- Function generator
- Differential amplifier input
- 2 pulse width modulated output stages



VT 3000

Suitable card holders

VT—3002 RC 29916

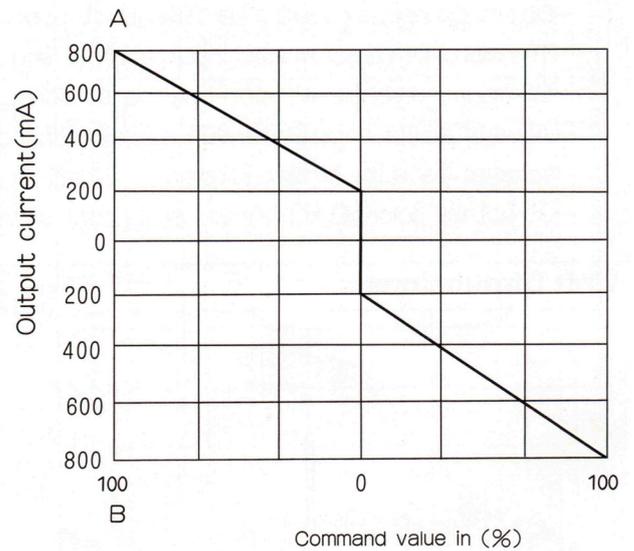
VT—1516 RC 29915

VT—1700 RC 29917

Technical data

Weight	Approx. 0.15kg	
Supply voltage		
Full bridge rectifier	24V _{eff} ± 10%	
Three phase bridge rectifier	24V—35V _{eff}	
Power requirement	30VA	
Fuse wire	1.5A	
Control volta	Potentiometers pre—setting input	0~± 9V
	Differential input	0~± 10V
The min.load resistance for control voltage	500 Ω	
Max.output current	800mA	
Pilot current	≤ 20mA	
Max. load resistance	30 Ω	
Ambient temperature	0 up to 75°C	
Space requirement	40mm	
Temperature drift	0.4mA/°C	

Output characteristic curve



Ordering code

VT—3000 BS 30¹/₁ *

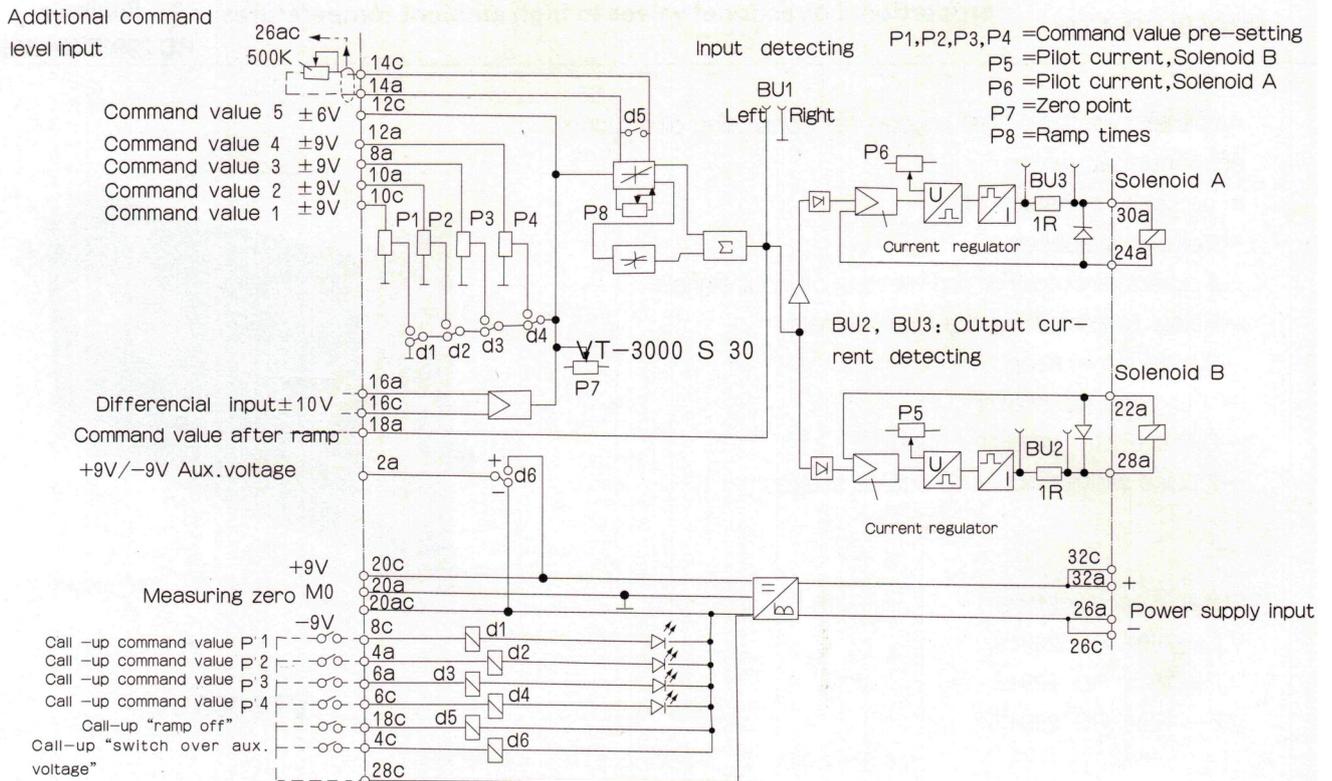
32 pin linear plug as per DIN41612 =S
(EURO card format)

Further details in clear text

30series =30
(30—39=the amounting dimension remains unchanged)

R1= Max.ramp time1_{sec}
R5= Max.ramp time5_{sec}

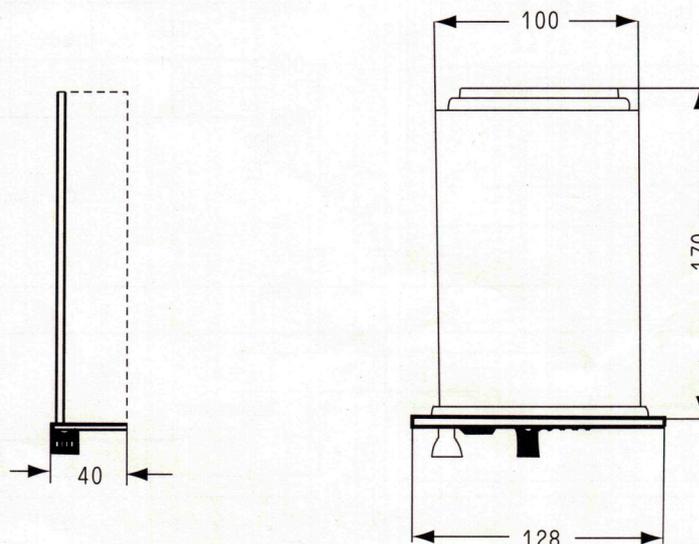
Terminal connection



- 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 $<1mA$!
- 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 :

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