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RE 29716/05.05

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Servo amplifier

Type VT1600

Series 3X

#### **Overview of contens**

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# Features, Function

 Servo amplifiers type VT 1600 S3X are used to control servovalves.

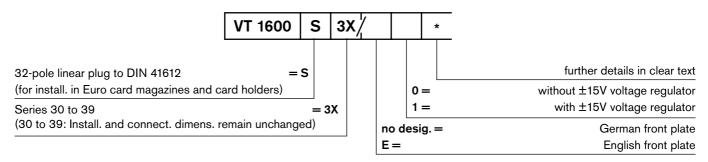
By altering internal bridges, the PID regulator may be uncoupled.

In this way, the following positioning regulator can be directly

controlled. The ammeter built into the front plate shows the

current to the servo valve; ±30 divisions indicate ±60 mA!

## **Ordering Code**

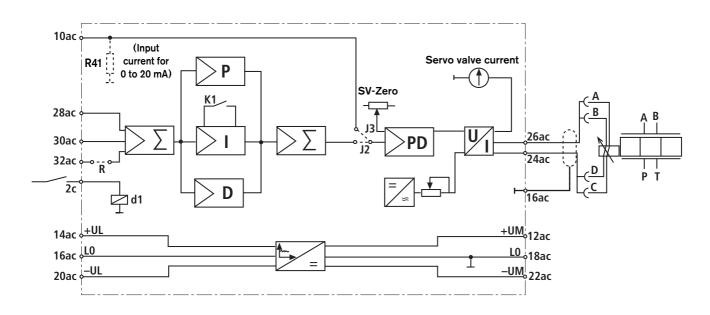


Information about available spare parts: www.boschrexroth.com/spc

#### Technical Data (for applications outside these parameters, please consult us!)

Supply voltage	U	$\pm 22$ to 28 V smoothed ( $\pm U_{\rm L}$ )
Supply voltage	U	$\pm 15 \text{ V} (\pm U_{\text{M}})$ -without voltage regulator-
Signal voltage	U	0 to ±10
Current requirement at $\pm U_{\rm L}$	1	< 200
Output current	l <sub>max</sub>	±60
Dither		340 Hz / 3mA <sub>ss</sub>
Relay data:		
Relay coil voltage	U	$\pm 22 \text{ to } 28(\pm U_{\rm L})$
Duty cycle	t	1
coil resistance	R	2000
Plug connector		indirect / DIN 41612 / Form D / 32-pole
Space requirements: Conductor side Component side		1 division 7 division 1 division = 5,08mm
Temperature range	ϑ	0° to +50°
Weight	т	0,15

### **Terminal Connections**



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