



Servo amplifier

RE 29716/05.05 Ersetzt: 06.90

1/2

Type VT1600

Series 3X

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Features, Function

Servo amplifiers type VT 1600 S3X are used to control servoval-

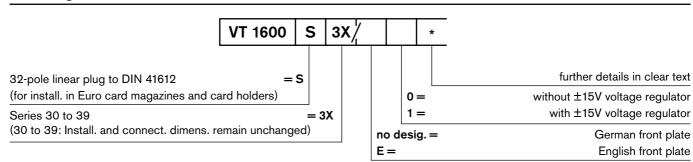
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By altering internal bridges, the PID regulator may be uncoupled. In this way, the following positioning regulator can be directly 2

controlled. The ammeter built into the front plate shows the 2

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

Ordering Code



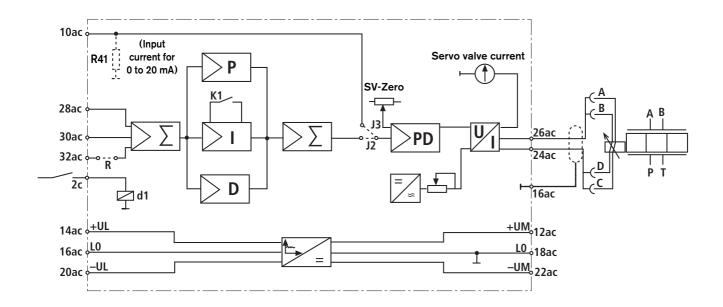
Information about available spare parts:

www.boschrexroth.com/spc

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

Supply voltage	U	± 22 to 28 V smoothed ($\pm U_{\rm L}$)
Supply voltage	U	\pm 15 V ($\pm U_{\mathrm{M}}$) -without voltage regulator-
Signal voltage	U	0 to ±10
Current requirement at $\pm U_{L}$	1	< 200
Output current	/ max	±60
Dither		340 Hz / 3mA _{ss}
Relay data:		
Relay coil voltage	U	± 22 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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