

GoTo Focused Delivery Program: Proportional Electronics

Electrical proportional amplifier

VT-VRPA2-5...RTP



The VT-VRPA2-5.../RTP/ is suitable for controlling direct operated 4WRP valves. It offers both zero and maximum adjustments for both solenoids. Ramp times are set by potentiometer adjustments for both acceleration and deceleration.

For complete engineering and design information:
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Features

- Ramp generator can be deactivated
- Deadband compensation

Detailed information:

- RE30048

Technical Data

Operating voltage	VDC	24	
Plug connector		DIN 41612 – F32	
Valve solenoid max.	A/VA	2.7/25 (Size 6)	3.7/50 (Size 10)
Current rating	A	1.5	2.5
Power consumption (typical)	W	35	60
Input signal (setpoint)	V	0 to ± 10	
Card dimensions	mm (in.)	Eurocard 100 x 160 x ~35 (3.93 x 6.29 x ~1.38)	
Ambient temperature range	°C (°F)	0 to +70 (0 to +158)	

Type	Suitable for valve type
VT-VRPA2-527	4WRP 6, series 1X
VT-VRPA2-537	4WRP 10, series 1X

Part Number	Description	Max. Quantity	Shipment (Business Days)
0811405119	VT-VRPA2-527-10/V0/RTP	5	10
0811405120	VT-VRPA2-537-10/V0/RTP	5	10

1) "Shipment" defined as – not to exceed the time from receipt of order to Bosch Rexroth Hydraulics to shipment ex-factory (Bosch Rexroth plant location).

Materiale	Descrizione	Codice sostitutivo	Descrizione Codice sostitutivo
R900063470	ERSATZTEIL MEC 04412-016-05 BUCHSE	0441201605	BUSHING 250H 4404/15
R900063506	FLANGE SAE21/2 -76.1X7.10 A&	R900013503	FLANGE SAE21/2S- 76.1 X 7.1&
R900063597	DICHTUNGSSATZ 2000.040/025-04903-286-02	0490328602	SEAL KIT 2000/40/25
R900063635	ERSATZTEIL BREMSE B3 RING /850840	R921850840	CIRCLIP EXT 50 DIA SEEGAR AS D50
R900063655	DICHTUNGSSATZ MIDMEC040/KOL-04906-219-03	0490621903	PISTON SEAL KIT 40 MIDMEC/-M
R900063917	NON-RETURN VALVE RHD 20 PS0,5V	R901114547	NON-RETURN VALVE RD S20-0,5 OM+SV-C6F
R900063994	FILTER ELEMENT 1300 R 20 BN/HC-W	R900027469	FILTER ELEMENT 1300 R 20 BN4HC
R900064050	PROPORTIONAL AMP. WV60-RGC2	0811405120	VT-VRPA 2-537-10/V0/RTP
R900064052	PROPORTIONAL AMP. PV60-RGC1	0811405102	VT-VRPA 1-537-1X/V0/PV-RTP
R900064085	DICHTUNGSSATZ 208.050/036-.04903-321-03	0490332103	SEAL KIT 208/50/36
R900064096	PRESSURE GAUGE AB31-13/063-0600	R900072027	ABZMM 63- 600BAR/MPA-R/B-G
R900064110	A4VSO 71 HD1/10R-PPB13N00	R910923817	A A4VSO 71 HD1 /11R-PPB13N00
R900064162	DICHTUNGSSATZ 250H/020M-STG-04903-670-04	0490367004	SEAL BUSH KIT 250H//20
R900064163	DICHTUNGSSATZ 250H039/M-KOL-04906-033-01	0490603301	PISTON SEAL KIT 250H/39/20
R900064210	PIPE AB23-04/GE-10LRX325 &	R900086004	PIPE AB23-04/GE-10LR-3/8X&
R900064217	FLANGE SAE11/4S-AFG 104 M/L&	R900024039	FLANGE SAE11/4S-35L &
R900064313	DBDS 6 K1X/300VB	R900772454	DBDS6K1X/300VE
R900064339	DICHTUNGSSATZ A4VSO250DR/R-00945859	R910945859	SEAL KIT O.VENT.A4VS 250-P+VE&
R900064501	SPRING LOCK WASHER DIN127-A10-FST	R900003874	SPRING LOCK WASHER DIN127-A10-FST
R900064513	DICHTUNGSSATZ 204.025/012M-04903-980-07	0490398007	SEAL KIT 204/25/12
R900064621	HYDRAULIC ACCUMULA SBO210-0,32E1/113A	R901005854	DIAPHRAGM ACCUMUL SBO210-0,32E1/113U-2&
R900064661	DICHTUNGSSATZ 250H150/090M-04903-022-04	0490302204	SEAL KIT 250H/150/90 MOD.A
R900064904	DICHTUNGSSATZ 204.032/014M-04903-982-01	0490398201	SEAL KIT 204/32/14
R900065020	A6VM 250 EP2/63W1-VPB010B	R910969291	A A6V M 250 EP2 /63W1-VPB010 B
R900065103	NON-RETURN VALVE RHD 16 PS1V	R901114496	NON-RETURN VALVE RD S16-1,0 OM+SV-C6F
R900065126	THREADED FASTENER AB20-18/RED 18L08 S &	R900001859	REDUCTION THREADED 24RDSW-Z-C-18L-08S-S&
R900065142	A4VSO 71 EO1/10R-PPB13N00	R902427636	A A4VSO 71 EO1 /10R-PPB13N00
R900065204	MEASURING COUPLING SMK20-G1/4-PC-C6F	R900009090	MEASURING COUPLING MCS20-SDS-E-G1/4-ST3&
R900065210	ERSATZTEIL MEC 04968-154-08 DICHTRING	0496815408	SEAL BUSH CWF75 VITON
R900065225	DICHTUNGSSATZ 251H.025/013A-04903-045-09	0490304509	SEAL KIT 251H/25/13 MOD A
R900065226	DICHTUNGSSATZ 251H.039/020A-04903-046-06	0490304606	SEAL KIT 251H/39/20 MOD A
R900065243	A4VSO 71 DRG/10R-PZB13N00	R902424514	A A4VSO 71 DRG /10R-PZB13N00
R900065273	A4FM 71/10W-PZB01	R910918917	A A4F M 71 /10W-PZB01
R900065353	FILTER ELEMENT 0330 R 10 BN/HC-W-105	R900015589	FILTER ELEMENT 0330 R 010 ON
R900065373	A4VSO 71 DFR/10R-PPB13N00	R902424711	A A4VSO 71 DFR /10R-PPB13N00
R900065532	A4VSO 71 DR/10R-PPB13N00 SO103	R910924323	A A4VSO 71 DR /10R-PPB13N00 -SO103
R900065541	DICHTUNGSSATZ 204.050/036M-04903-987-08	0490398708	SEAL KIT 204/50/36
R900065555	A4VSO 71 LR2Z/10R-PPB13K01	R910949369	A A4VSO 71 LR2Z /10R-PPB13K01
R900065600	AC PBR 140B-4HA 550/265-1X/DH-AL	R987278213	BELL HOUSING PL550/01/17-07
R900065635	SOCKET HEAD SCREW DIN912-M12X150-8.8- &	R900003112	SOCKET HEAD SCREW ISO4762-M12X150-8.8-&
R900065674	HOSE ASSEMBLY 2SC-10/N00-12N00-12/&	R900054296	HOSE ASSEMBLY 2SC-10/N00-12N00-12/&
R900065765	DICHTUNGSSATZ 250H125/040A-04903-088-06	0490308806	SEAL KIT 250H/125/40 MOD.A
R900065811	FILTER ELEMENT 0330 D 05 BH/HC-W	R900017599	FILTER ELEMENT 0330 D 05 BH4HC
R900065817	DICHTUNGSSATZ 204.125/056-04903-595-08	0490359508	SEAL KIT 204/125/56 OPT.43
R900065820	DICHTUNGSSATZ 204.200/090-04903-599-07	0490359907	SEAL KIT 204/200/90 OPT.43
R900065842	ERSATZTEIL MEC 04411-005-07 FUEHRUNG	0441100507	CONTROL 250H 4507
R900065863	DICHTUNGSSATZ 204.160/070M-04903-996-07	0490399607	SEAL KIT 204/160/70
R900065962	E-A10VSO 140 DR/31R-PPB12N00	R910932016	AE A10VSO140 DR /31R-PPB12N00
R900066096	ERSATZTEIL MEC 04834-008-02 ABSTREIFRING	0483400802	WIPER A-75 VITON
R900066112	1PF2GP2-2X/011RH20VE4	R900932114	PGP2-2X/011RE20VE4
R900066180	A4VSO 40 FR1/10R-PPB13N00	R902423378	A A4VSO 40 FR1 /10R-PPB13N00
R900066257	DICHTUNGSSATZ 206.032/018M-04903-312-04	0490331204	SEAL KIT 206/32/18
R900066286	CAP HED8-.10/A-PA6.6	R900808828	PROTECTIVE CAP HED8-.10/
R900066299	A10VSO28DR/31R-VPA12N00	R910907369	A A10VSO 28 DR /31R-VPA12N00
R900066305	FLOAT SWITCH AB31-01/145A110S-T80A	R901117640	ABZMS-35-1X/145F110S-T80F-K6
R900066413	P2GF2/008*2000*O结確 &	R900952586	P2GF2/008+GF2/006RE01+N01E4
R900066575	NON-RETURN VALVE RHD 28 PL3V	R901114572	NON-RETURN VALVE RD L28-3,0 OM+SV-C6F
R900066631	A4VSO 250 LR2G/30R-PPB13N00/L30P150Q370*	R910977295	A A4VSO 250 LR2G /30R-PPB13N00
R900066639	BALL VALVE KHP-16-1112-AK-P	R901279407	BALL VALVE KHP-16-1112-02X
R900066740	FLOAT SWITCH AB31-01/200A140A-T63A	R901093963	ABZMS-35-1X/205F145F-T63F-K24
R900066746	DICHTUNGSSATZ 250H/065M-STG-04903-675-00	0490367500	SEAL BUSH KIT 250H//65
R900066889	WELLE A10V45/K 923310	R902417379	DRIVE SHAFT A10V 45 PK 'R'
R900066895	NABE A10V71-RD25 -943689	R910943689	HUB A10V 71/RD25
R900066898	WELLE A10V71/PK -00987680	R910987680	DRIVE SHAFT A10V 71 PK 'R'
R900066907	LEISTUNGSENTLIV LV 06/2A5 OV -946646	R910946646	PERF. LIMIT VALVE LV06/2A5-0 V
R900067008	BELL HOUSING AB33-37/A300/0-G3-3X&	R900027420	AC PBR 80CS4HA 300/144-1X/DH-AL
R900067138	EMERGENCY SWITCH 3SB1000-1AC01	R900205356	EMERGENCY SWITCH 3SB3000-1HA20
R900067161	PRESSURE GAUGE AB31-11/100-010	R901108776	ABZMM 100- 10BAR/MPA-U/V-G
R900067162	PRESSURE GAUGE AB31-11/100-016	R900762148	ABZMM 100- 16BAR/MPA-U/V-G
R900067266	SEAL KIT SSB20M12T.../S13	R900850156	SEAL KIT SSB20M16T.../S13
R900067368	DIAPHRAGM ACCUMUL SBO210-1,40E1/112A2-&	R900745891	DIAPHRAGM ACCUMUL SBO210-1,40E1/112U-2&
R900067398	DBDS 30 K1X/230B	R900773181	DBDS30K1X/230E
R900067446	A4VSO 40 DFR/10R-PPB13N00	R902425937	A A4VSO 40 DFR /10R-PPB13N00
R900067555	CHARGING DEVICE FPU-1-250F2,5G02A3K	R900032578	CHARGING DEVICE FPU-1-250F2,5G02A3K
R900067631	SEAL AB33-33/F400-3 KORK	R901517536	ABZBD-F400-3/NBR80
R900067641	SEAL AB33-33/F660-3 KORK	R901517539	ABZBD-F660-3/NBR80
R900068301	CABLE 4X0,5 151TEHCTE/O TE&	R900084291	CABLE 4X0,75 151TEHCTE/O T
R900068326	FLOAT SWITCH AB31-01/170A130S-T63A	R901092266	ABZMS-35-1X/165F135S-T70F-K6
R900068362	HOSE ASSEMBLY AB23-14/ASP-31/P38-P&	R900058366	HOSE ASSEMBLY 4SH-31/P00-38P00-38/&
R900068363	HOSE ASSEMBLY AB23-14/ASP-31/P38-P&	R900027292	HOSE ASSEMBLY 4SH-31/P00-38P00-38/&
R900068382	DICHTUNGSSATZ 250H050/M-KOL-04906-034-09	0490603409	PISTON SEAL KIT 250H/50/25
R900068390	CLOGGING INDICATOR VD5 LZ.0/-DB/L24-W	R900027621	CLOGGING INDICATOR VD5 LZ.1/-DB
R900068406	DICHTUNGSSATZ 250H/090M-STG-04903-677-05	0490367705	SEAL BUSH KIT 250H//90
R900068412	DICHTUNGSSATZ 250H200/M-KOL-04906-046-18	0490604618	PISTON SEAL KIT 250H/200/90
R900068419	DBDS 10 K1X/200-130V -FERT FALSCH	R900075910	DBDS 10 K1X/200-130V
R900068420	DBDS 10 K1X/100-095V -FERT FALSCH	R900075893	DBDS 10 K1X/100-095V
R900068424	COMBINED PART GC6-1X45	R900982631	ATTACHMENT KIT C6/A10VO 45V-NR568718
R900068466	MULTIPLE CONTACT S 32P FRONT-SFL2,5/D32&	R900062692	VT 10812-2X/32D
R900068482	WELDING CONE AB20-07/35X3,0-ES	R900068480	WELDING CONE 24WDPN-35L-35X3,0-ED&
R900068543	DICHTUNGSSATZ 206.160/090M-04903-319-05	0490331905	SEAL KIT 206/160/90