

## Tableau de pompe autonome HDLV® - Encore®

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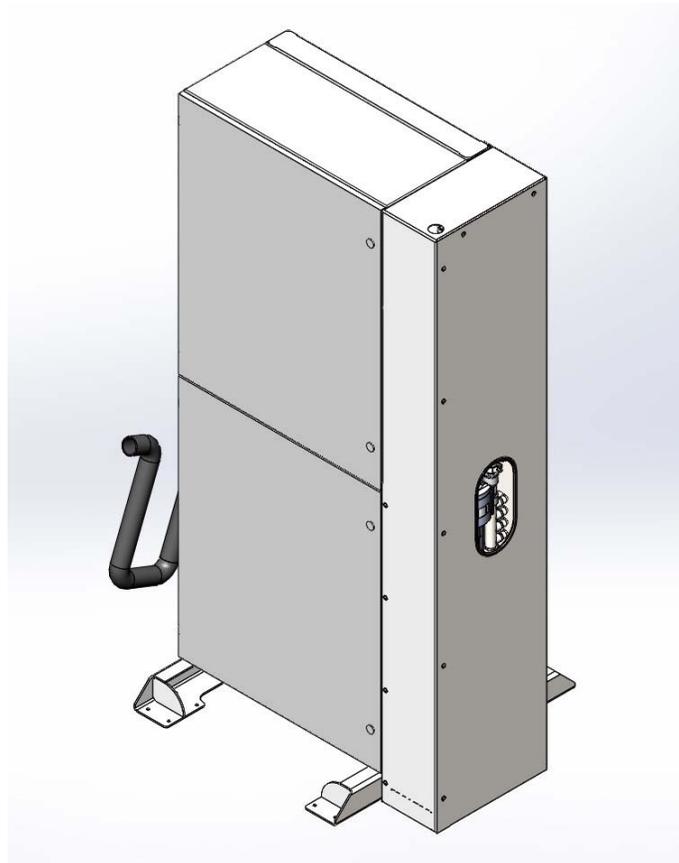


Fig. 1 Tableau de pompe autonome HDLV (illustration de deux tableaux pour huit pompes)

Le tableau de pompe est le coffret électrique et pneumatique central des pompes HDLV® utilisées avec les pistolets de pulvérisation automatiques Encore® HD. Les tableaux de pompe existent en différentes configurations : pour quatre, six et huit pompes, ce qui permet à chaque support d'accueillir jusqu'à seize pompes. Chaque tableau héberge les pompes HDLV, les distributeurs de pompe et les cartes de commande de pompe, le filtre à air et les commandes pneumatiques ainsi que l'alimentation électrique CC.

Ce système autonome comprend le tableau de pompe HDLV avec réservoir d'air pour la purge de nettoyage des pompes, les tuyaux à poudre et les pistolets.

## Installation

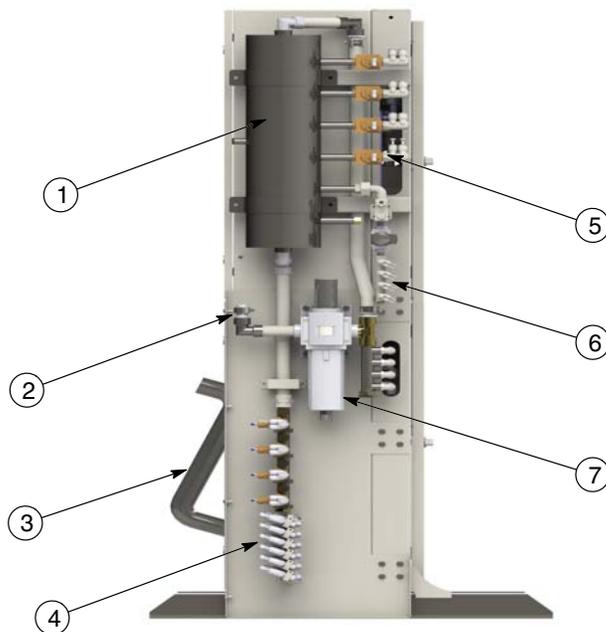


Fig. 2 Vue d'ensemble des principaux composants pneumatiques

- |                       |                                  |  |
|-----------------------|----------------------------------|--|
| 1. Réservoir de purge | 3. Conduit de tuyau à poudre     | 5. Valves de purge de la pompe                   |
| 2. Entrée d'air       | 4. Air de nettoyage du diffuseur | 6. Alimentation de lavage à l'air de l'électrode |
|                       |                                  | 7. Unité de filtration et de régulation          |

1. Positionner le bloc à l'endroit souhaité et le fixer au sol.
2. Raccorder une alimentation en air de 1" à l'entrée du bloc filtre (voir figure 2). La pression d'alimentation doit être égale à 6,5 bar (dynamique)

**REMARQUE :** Raccorder les tableaux de pompe conformément aux instructions figurant dans le chapitre Installation du manuel technique, disponible à l'adresse <http://emanuals.nordson.com/finishing/files/Powder/1102110>

## Cycle de nettoyage par purge

Pour activer le cycle de nettoyage par purge, appuyer sur le bouton correspondant de la console Powder Pilot™ HD ou iControl® 2.

**REMARQUE :** Celui-ci ne doit être activé que lorsque la cabine est vide (ni produit, ni opérateur).

## Dépannage

Ces procédures de dépannage ne couvrent que les problèmes les plus courants. Si les informations données ici ne permettent pas de résoudre le problème rencontré, demander l'aide du représentant local de Nordson.

Problème	Cause possible	Action corrective
<b>1. Les pistolets ne sont pas propres après la purge</b>	Pression d'air insuffisante ou inexistante à l'entrée du réservoir d'impulsion	Rechercher d'éventuelles fuites d'air et vérifier que la pression dynamique est de 6,5 bar.
<b>2. Pas de purge des pistolets/pompes</b>	Non activé(e)s sur iControl ou la commande principale	Vérifier que le module iControl / la commande principale est sous tension et activé.
	Pas de pression d'air au niveau du réservoir de purge.	Vérifier si le compresseur fonctionne correctement et si la pression dynamique de 6,5 bar est disponible.
	La tension réseau/de commande est coupée.	Vérifier l'absence de fuites d'air et les corriger si nécessaire.
	Pas de pression d'air au niveau du réservoir de purge.	Vérifier que le réseau électrique est présent.
	La tension réseau/de commande est coupée.	Vérifier la présence de la tension de commande sur le tableau de pompe.

**REMARQUE :** Pour plus d'informations au sujet des problèmes rencontrés avec le tableau de pompe, y compris la maintenance et la réparation, consulter le manuel, disponible à l'adresse <http://emanuals.nordson.com/finishing/files/Powder/1102110>

## Pièces de rechange

Pour commander des pièces, appeler le centre d'assistance Nordson Finishing au +800 7001 7001 ou votre représentant local de Nordson.

Le numéro se trouvant dans la colonne P/N est le numéro de référence attribué par Nordson GmbH.

La colonne Description indique le nom de la pièce ainsi que sa variante.

Les lettres figurant dans la colonne Note renvoient aux notes se trouvant à la fin de chaque liste de pièces. Ces notes peuvent contenir des informations importantes pour la commande et l'utilisation des pièces. Il convient de leur apporter une attention particulière.

P/N	Description	Note
7033180	STAND ALONE HDLV PUMP PANEL,4 PUMP,GEN3	A
7033181	STAND ALONE HDLV PUMP PANEL,6 PUMP,GEN3	A
7033182	STAND ALONE HDLV PUMP PANEL,8 PUMP,GEN3	A
7033183	STAND ALONE HDLV PUMP PANEL,10 PUMP,GEN3	A
7033184	STAND ALONE HDLV PUMP PANEL,12 PUMP,GEN3	A
7033185	STAND ALONE HDLV PUMP PANEL,14 PUMP,GEN3	A
7033186	STAND ALONE HDLV PUMP PANEL,16 PUMP,GEN3	A
NOTE A : Pour l'utilisation et les pièces de rechange des tableaux de pompe, consulter le site Web des manuels électroniques à l'adresse <a href="http://emanuals.nordson.com/finishing/files/Powder/1102110">http://emanuals.nordson.com/finishing/files/Powder/1102110</a>		

## Dimensions

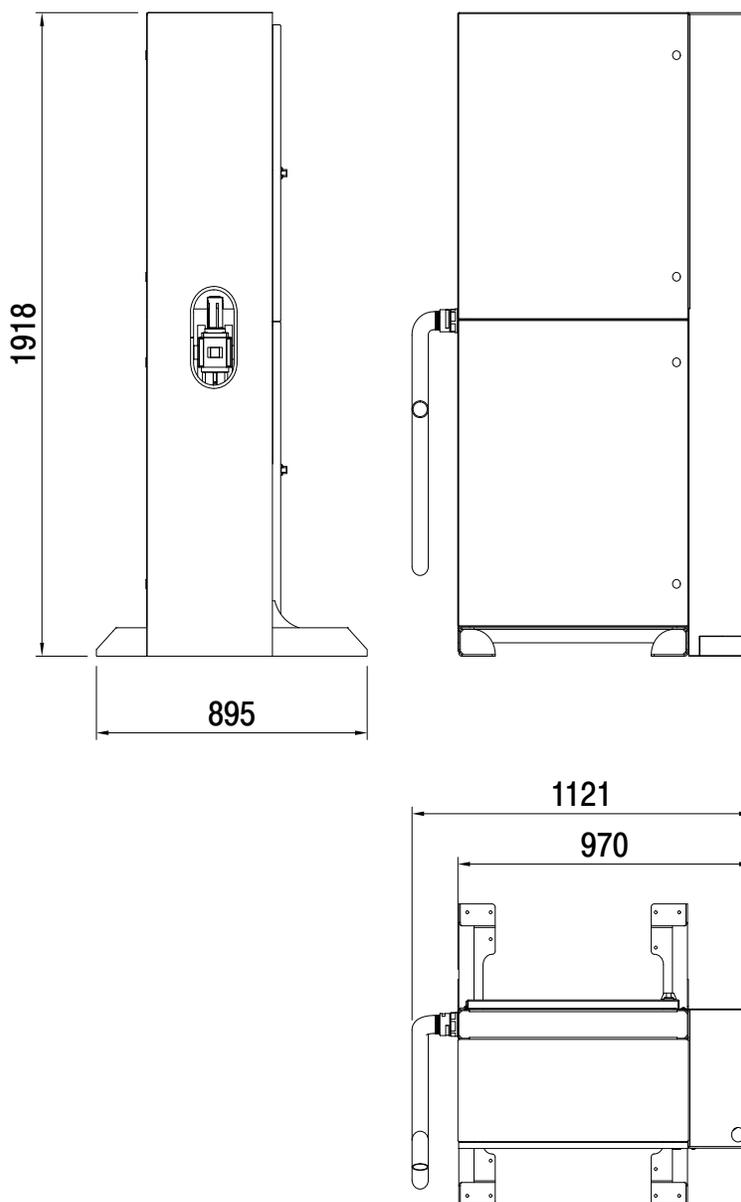


Fig. 3 Dimensions hors tout

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Édition 02/18

- Traduction de l'original -

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① <http://www.nordson.com/en/global-directory>





Main Input  
1"

HDLV Pump  
Controller 1

HDLV Pump  
Controller 2

-V0

1"

0101

2.2  
A1.1

2.2  
A1.2

2.6  
A2.1

2.6  
A2.2

0102

0103

0104

0105

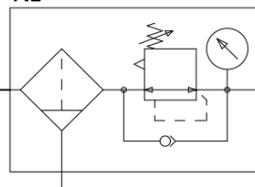
16 mm

16 mm

16 mm

16 mm

-R1



1"

1"

PN / 2.0

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Revision	06.02.2018

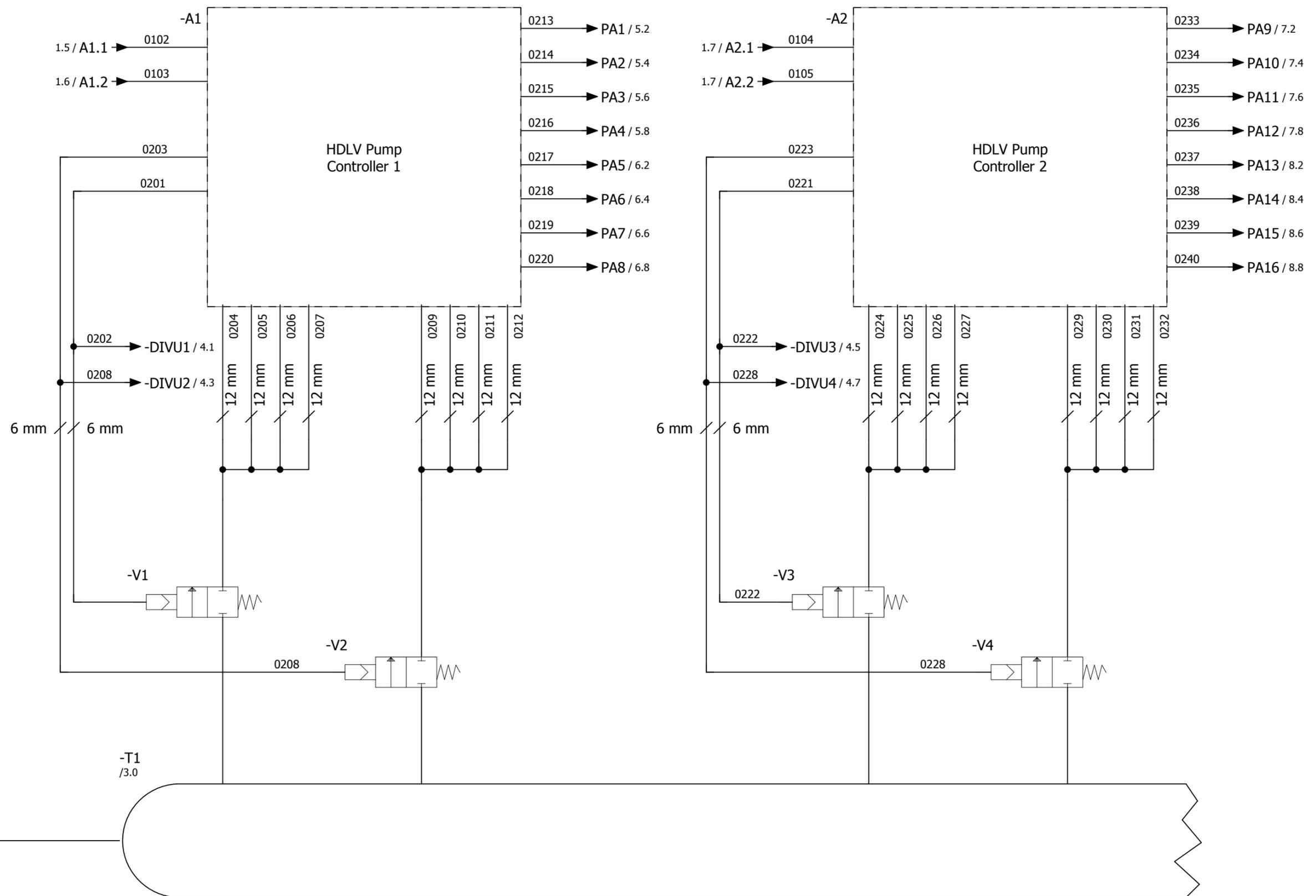
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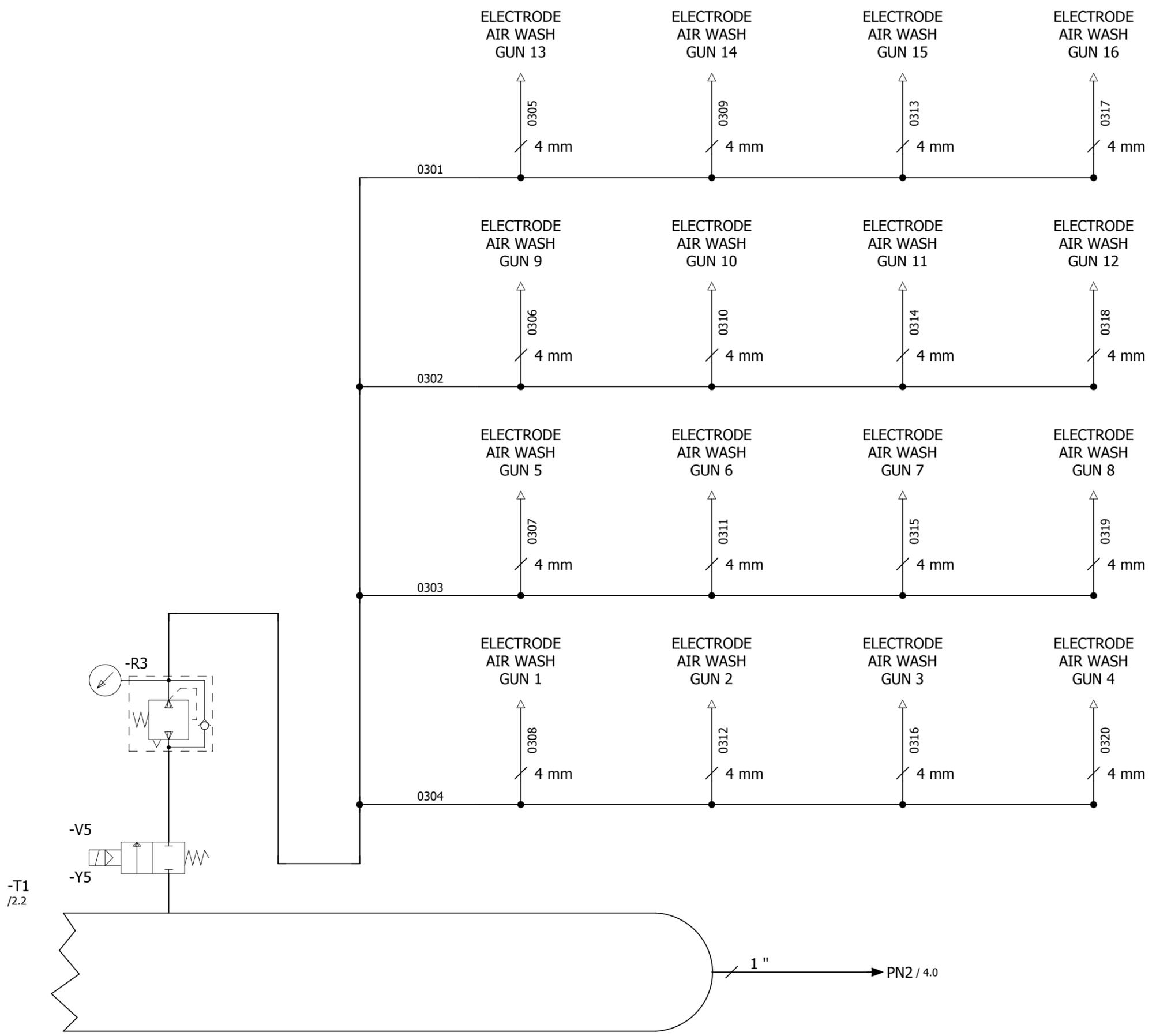


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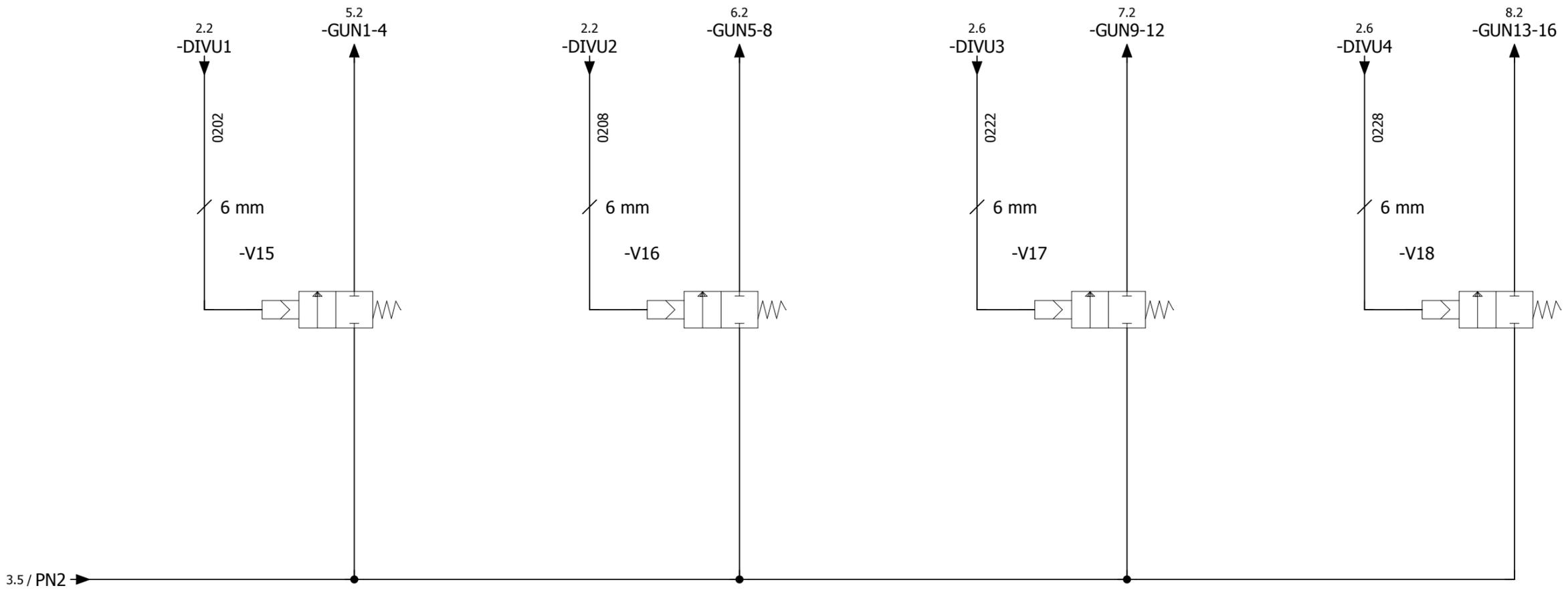
Description  
PNEUMATIK CONNECTIONS

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		Editor	Zimmermann			PNEUMATIK CONNECTIONS		+ PN		HDLV Pneumatic	
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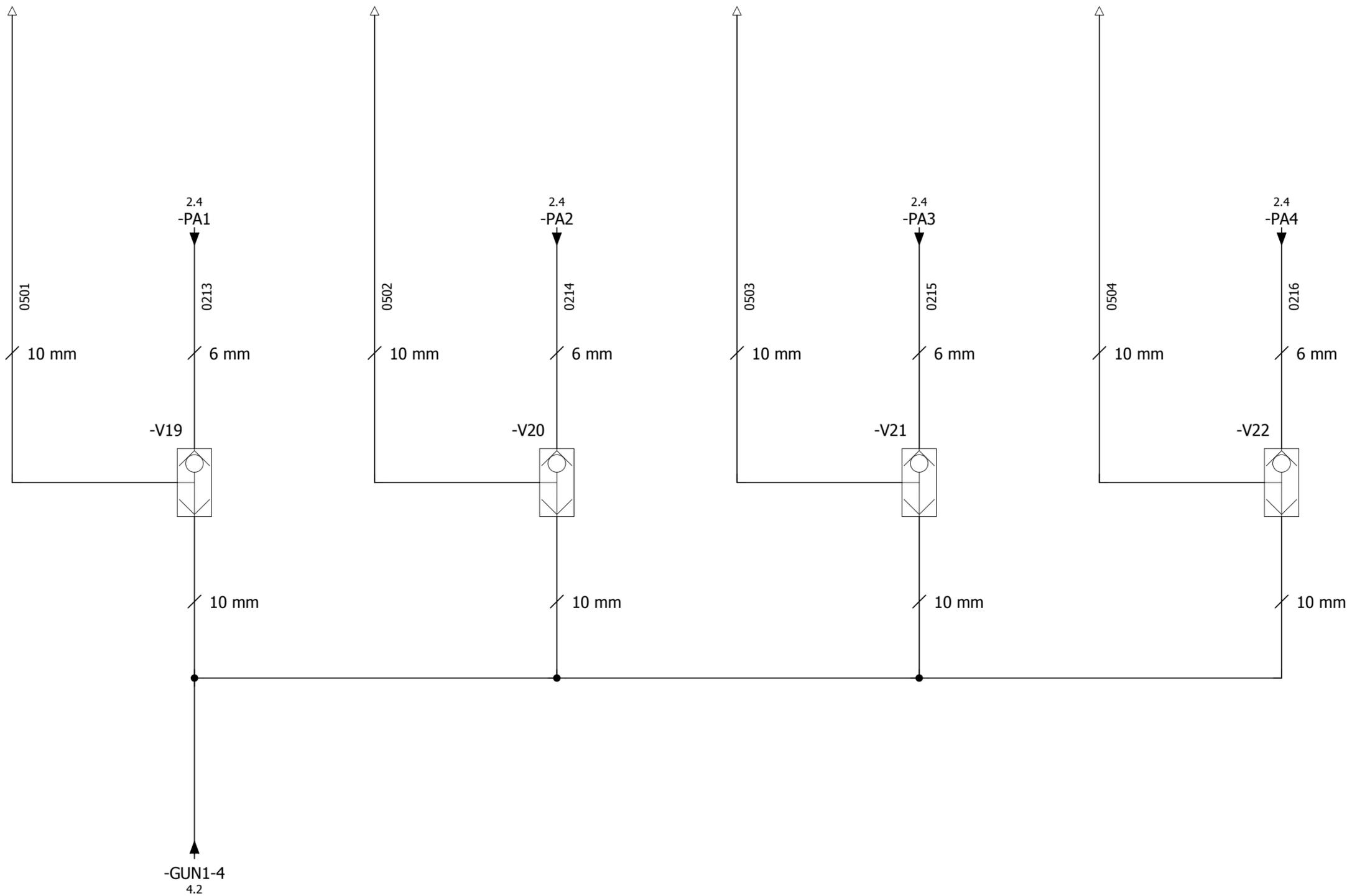


GUN 1

GUN 2

GUN 3

GUN 4



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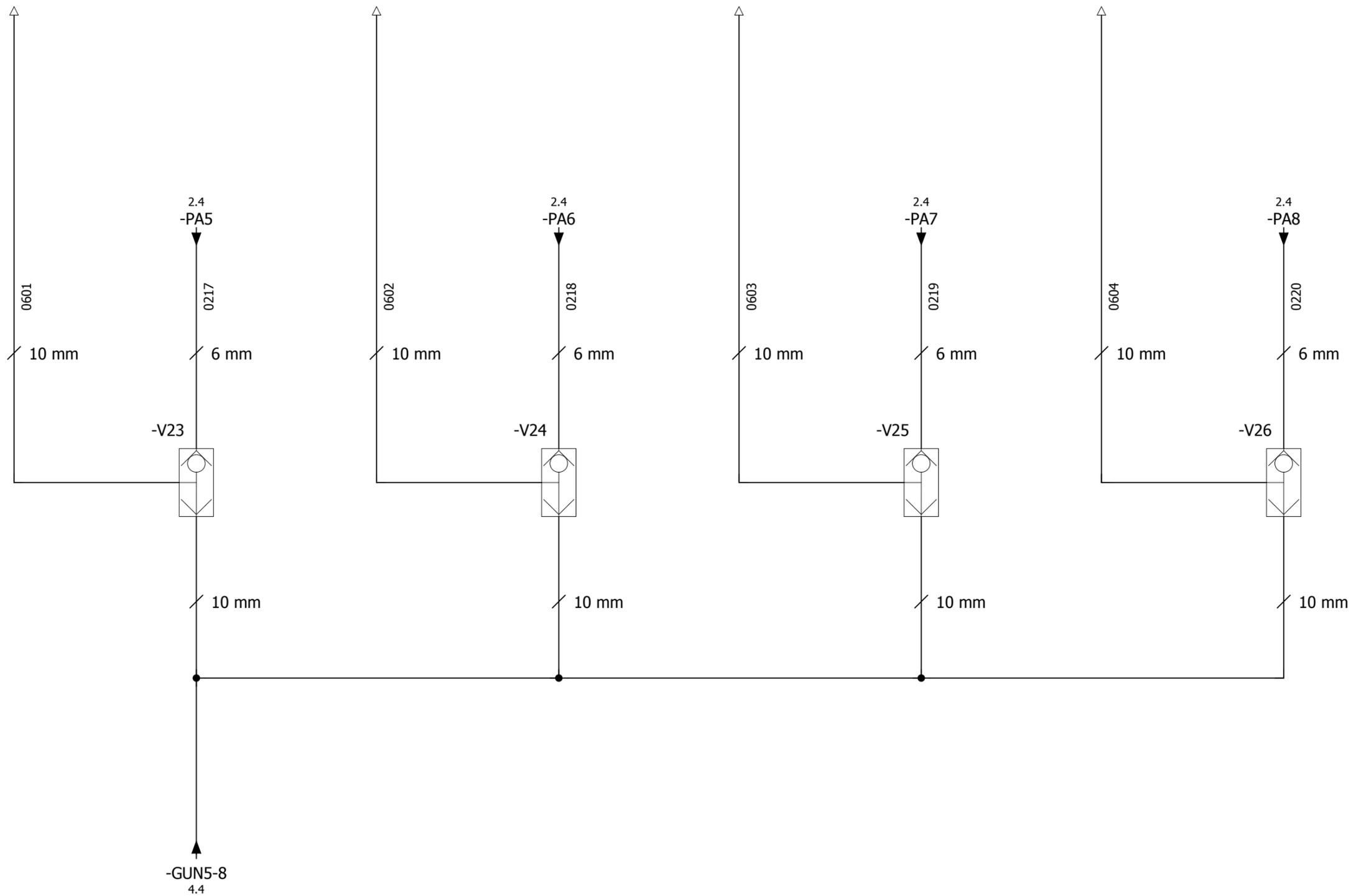
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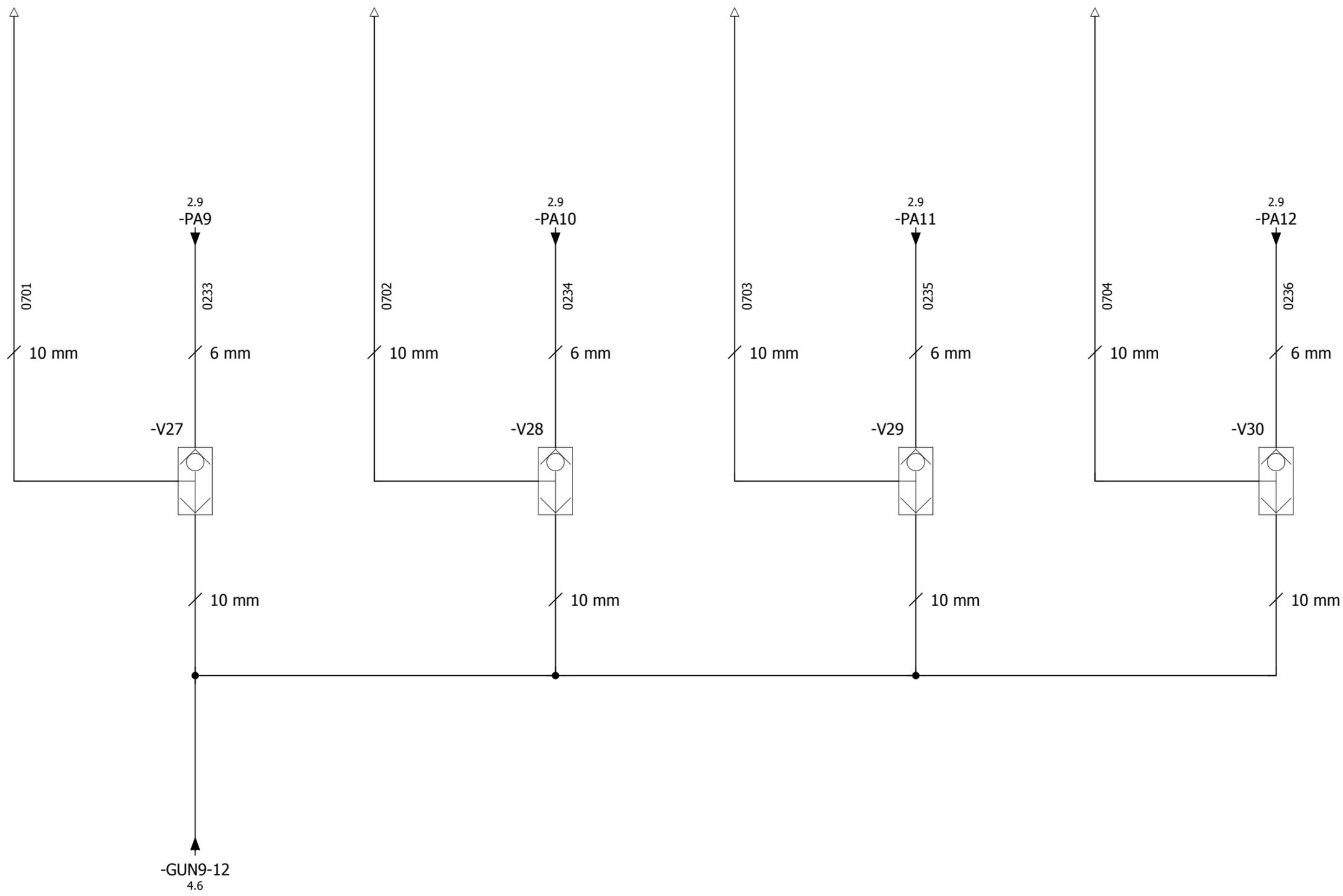
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GUN 10

GUN 11

GUN 12



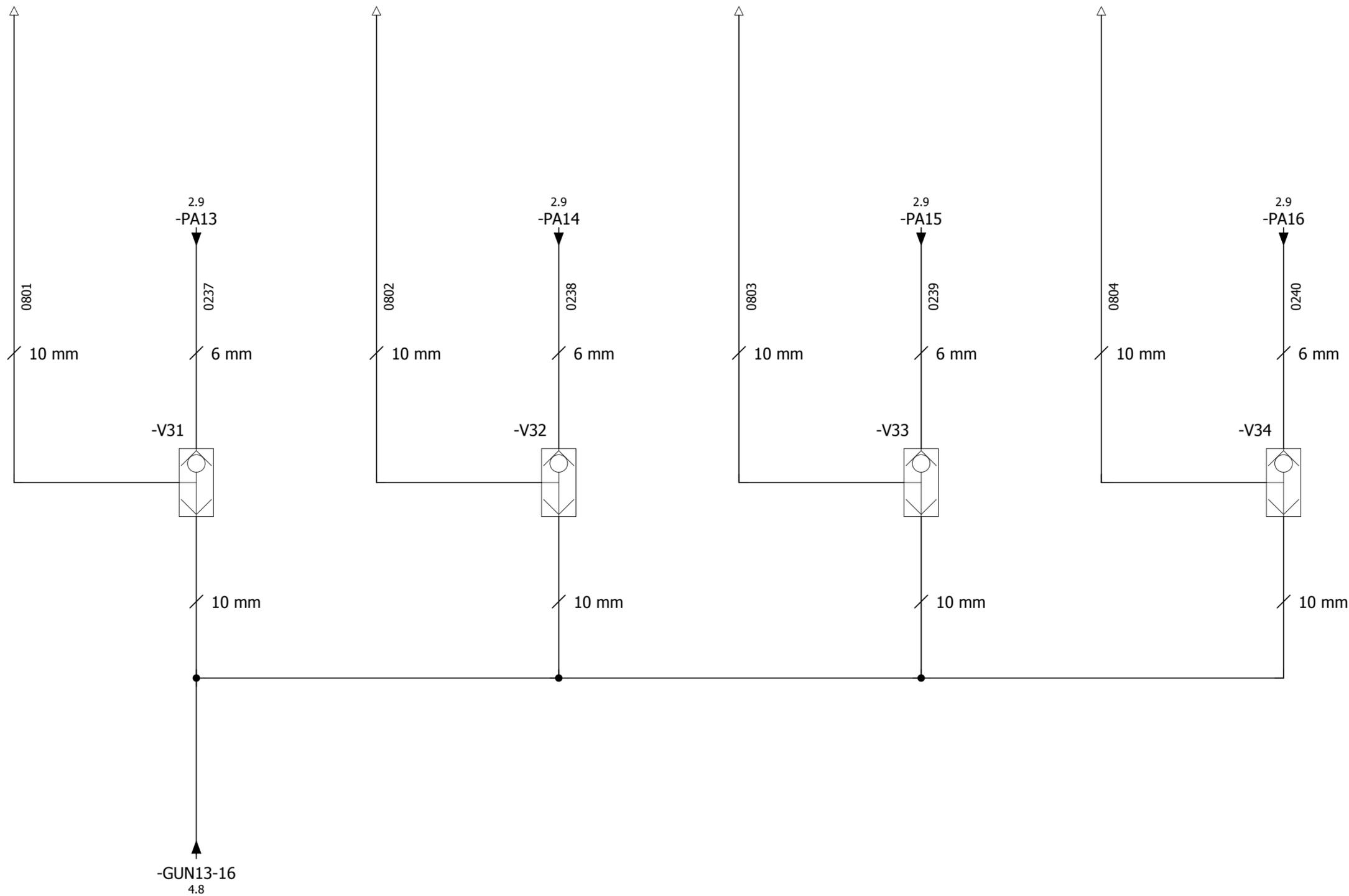
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		Editor	Zimmermann			PNEUMATIK CONNECTIONS		+ PN		HDLV Pneumatic	
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Description  
 PNEUMATIK CONNECTIONS

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# Parts list

Device tag	Quantity	Designation	Type number	Part number	Supplier
+PN-A1	8	Y Quick conector 12mm - 2x10mm	KQ2U10-12A	SMC.KQ2U10-12A	SMC Pneumatik GmbH
+PN-A2	8	Y Quick conector 12mm - 2x10mm	KQ2U10-12A	SMC.KQ2U10-12A	SMC Pneumatik GmbH
+PN-R1	1	Filter regulator unit MS9-LFR	MS9-LFR-AGF-D6-C-U-M-AG-BAR-AS-WPM	FESTO.MS9-LFR-AGF-D6-C-U-M-AG-BAR-AS-WPM	Festo AG & Co. KG
+PN-R1	2	Hose Tail 1"-25mm	GT 1025 MSV	JAEGER.GT 1025 MSV	Jaeger Pneumatic
+PN-R1	1	Tube 1" 100mm	RONI 10/100 ST	JAEGER.RONI 10/100 ST	Jaeger Pneumatic
+PN-R1	2	Tube Clamp	SSB 37 ES	JAEGER.SSB 37 ES	Jaeger Pneumatic
+PN-R1	1	T-Piece 1"	TE 10 MSV	JAEGER.TE 10 MSV	Jaeger Pneumatic
+PN-R1	1	Blind Cap 1"	VS 10 A MSV	JAEGER.VS 10 A MSV	Jaeger Pneumatic
+PN-R1	1	Manifold 1" - 4x 1/2"	VTI 104 MSV	JAEGER.VTI 104 MSV	Jaeger Pneumatic
+PN-R1	1	Elbow 1" 90°	W 10 MSV	JAEGER.W 10 MSV	Jaeger Pneumatic
+PN-R1	4	Push In Fitting Elbow 90° 1/2" to 16mm	KQ2L16-04AS	SMC.KQ2L16-04AS	SMC Pneumatik GmbH
+PN-R1	2	Blind Plug 16mm	KQ2P-16	SMC.KQ2P-16	SMC Pneumatik GmbH
+PN-R3	4	Multiple distributor	QSLV4-1/8-4	FESTO.QSLV4-1/8-4	Festo AG & Co. KG
+PN-R3	14	Blanking plug	QSC-4H	FESTO.QSC-4H	Festo AG & Co. KG
+PN-R3	1	Pressure regulator MS4-LR	MS4-LR-AGC-D5-Z	FESTO.MS4-LR-AGC-D5-Z	Festo AG & Co. KG
+PN-R3	1	Double nipple G 1/2"-G 3/8"	DN 1238 MSV	JAEGER.DN 1238 MSV	Jaeger Pneumatic
+PN-R3	1	Distributor bar 2 x G 3/8"-4 x G 1/8"	RLE 43818 A	JAEGER.RLE 43818 A	Jaeger Pneumatic
+PN-R3	1	Blind Cap G 3/8"	VS 38 AMSV	JAEGER.VS 38 AMSV	Jaeger Pneumatic
+PN-T1	1	Double nipple G 1/2"-G 3/8"	DN 1238 MSV	JAEGER.DN 1238 MSV	Jaeger Pneumatic
+PN-T1	1	Pipe clamp	GR 5337 LARPV	JAEGER.GR 5337 LARPV	Jaeger Pneumatic
+PN-T1	1	Hose Tail 1"-25mm	GT 1025 MSV	JAEGER.GT 1025 MSV	Jaeger Pneumatic
+PN-T1	2	Sleeve G 1"-G 1"	MU 10 MSV	JAEGER.MU 10 MSV	Jaeger Pneumatic
+PN-T1	1	Tube 1" 120mm	RONI 10/120 ST	JAEGER.RONI 10/120 ST	Jaeger Pneumatic
+PN-T1	2	Tube 1" 200mm	RONI 10/200 ST	JAEGER.RONI 10/200 ST	Jaeger Pneumatic
+PN-T1	1	Tube Clamp	SSB 37 ES	JAEGER.SSB 37 ES	Jaeger Pneumatic
+PN-T1	5	Blind Cap 1/2"	VK 12 MSV	JAEGER.VK 12 MSV	Jaeger Pneumatic
+PN-T1	1	Blind Cap 1"	VS 10 A MSV	JAEGER.VS 10 A MSV	Jaeger Pneumatic
+PN-T1	1	Blind Cap 1/4"	VS 14 A MSV	JAEGER.VS 14 A MSV	Jaeger Pneumatic
+PN-T1	4	Distributor pipe G 1", 2 outlets G 1/2"	VTA 102 MSV	JAEGER.VTA 102 MSV	Jaeger Pneumatic
+PN-T1	1	Elbow 1" 90°	W 10 MSV	JAEGER.W 10 MSV	Jaeger Pneumatic
+PN-T1	3	Elbow 1" 90°	WE 10 MSV	JAEGER.WE 10 MSV	Jaeger Pneumatic
+PN-T1	1	Elbow 1/2" 90°	WT 12 FES	JAEGER.WT 12 FES	Jaeger Pneumatic
+PN-T1	1	Airtank 6x 1/2"	DP14265R0X0P000A	TURBO.DP14265R0X0P000A	
+PN-V1	1	Multiple distributor	QSLV4-1/2-12	FESTO.QSLV4-1/2-12	Festo AG & Co. KG
+PN-V1	1	Plug in fitting	QSMT-M5-6	FESTO.QSMT-M5-6	Festo AG & Co. KG
+PN-V1	1	Solenoid valve	VLX-2-1/2-MS	FESTO.VLX-2-1/2-MS	Festo AG & Co. KG
+PN-V2	1	Multiple distributor	QSLV4-1/2-12	FESTO.QSLV4-1/2-12	Festo AG & Co. KG
+PN-V2	1	Plug in fitting	QSMT-M5-6	FESTO.QSMT-M5-6	Festo AG & Co. KG

+PN/8

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# Parts list

Device tag	Quantity	Designation	Type number	Part number	Supplier
+PN-V2	1	Solenoid valve	VLX-2-1/2-MS	FESTO.VLX-2-1/2-MS	Festo AG & Co. KG
+PN-V3	1	Multiple distributor	QSLV4-1/2-12	FESTO.QSLV4-1/2-12	Festo AG & Co. KG
+PN-V3	1	Plug in fitting	QSMT-M5-6	FESTO.QSMT-M5-6	Festo AG & Co. KG
+PN-V3	1	Solenoid valve	VLX-2-1/2-MS	FESTO.VLX-2-1/2-MS	Festo AG & Co. KG
+PN-V4	1	Multiple distributor	QSLV4-1/2-12	FESTO.QSLV4-1/2-12	Festo AG & Co. KG
+PN-V4	1	Plug in fitting	QSMT-M5-6	FESTO.QSMT-M5-6	Festo AG & Co. KG
+PN-V4	1	Solenoid valve	VLX-2-1/2-MS	FESTO.VLX-2-1/2-MS	Festo AG & Co. KG
+PN-V4	2	Blanking plug	QSC-12H	FESTO.QSC-12H	Festo AG & Co. KG
+PN-V5	1	Solenoid	MD-2-24VDC-PA	FESTO.MD-2-24VDC-PA	Festo AG & Co. KG
+PN-V5	1	Connecting plug for solenoid and valve	MSSD-N	FESTO.MSSD-N	Festo AG & Co. KG
+PN-V5	1	Double nipple G 1/2"-G 3/8"	DN 1238 MSV	JAEGER.DN 1238 MSV	Jaeger Pneumatic
+PN-V15	1	Multiple distributor	QSLV4-3/8-10	FESTO.QSLV4-3/8-10	Festo AG & Co. KG
+PN-V15	1	Push-in/threaded L-fitting	QSML-M5-6	FESTO.QSML-M5-6	
+PN-V15	1	Solenoid valve	VLX-2-1/2-MS	FESTO.VLX-2-1/2-MS	Festo AG & Co. KG
+PN-V15	1	Reducing nipple G 1/2"-G 3/8"	RN 1238 MSV	JAEGER.RN 1238 MSV	Jaeger Pneumatic
+PN-V16	1	Multiple distributor	QSLV4-3/8-10	FESTO.QSLV4-3/8-10	Festo AG & Co. KG
+PN-V16	1	Push-in/threaded L-fitting	QSML-M5-6	FESTO.QSML-M5-6	
+PN-V16	1	Solenoid valve	VLX-2-1/2-MS	FESTO.VLX-2-1/2-MS	Festo AG & Co. KG
+PN-V16	1	Reducing nipple G 1/2"-G 3/8"	RN 1238 MSV	JAEGER.RN 1238 MSV	Jaeger Pneumatic
+PN-V17	1	Multiple distributor	QSLV4-3/8-10	FESTO.QSLV4-3/8-10	Festo AG & Co. KG
+PN-V17	1	Push-in/threaded L-fitting	QSML-M5-6	FESTO.QSML-M5-6	
+PN-V17	1	Solenoid valve	VLX-2-1/2-MS	FESTO.VLX-2-1/2-MS	Festo AG & Co. KG
+PN-V17	1	Reducing nipple G 1/2"-G 3/8"	RN 1238 MSV	JAEGER.RN 1238 MSV	Jaeger Pneumatic
+PN-V18	1	Multiple distributor	QSLV4-3/8-10	FESTO.QSLV4-3/8-10	Festo AG & Co. KG
+PN-V18	1	Push-in/threaded L-fitting	QSML-M5-6	FESTO.QSML-M5-6	
+PN-V18	1	Solenoid valve	VLX-2-1/2-MS	FESTO.VLX-2-1/2-MS	Festo AG & Co. KG
+PN-V18	1	Reducing nipple G 1/2"-G 3/8"	RN 1238 MSV	JAEGER.RN 1238 MSV	Jaeger Pneumatic
+PN-V18	2	Blanking plug	QSC-10H	FESTO.QSC-10H	Festo AG & Co. KG
+PN-V19	1	Push-in fitting	QS-10H-6	FESTO.QS-10H-6	Festo AG & Co. KG
+PN-V19	1	Holder	TMH-10	SMC.TMH-10	SMC Pneumatik GmbH
+PN-V19	1	Shuttle Valve, 10mm	VR1220F-10	SMC.VR1220F-10	SMC Pneumatik GmbH
+PN-V20	1	Push-in fitting	QS-10H-6	FESTO.QS-10H-6	Festo AG & Co. KG
+PN-V20	1	Holder	TMH-10	SMC.TMH-10	SMC Pneumatik GmbH
+PN-V20	1	Shuttle Valve, 10mm	VR1220F-10	SMC.VR1220F-10	SMC Pneumatik GmbH
+PN-V21	1	Push-in fitting	QS-10H-6	FESTO.QS-10H-6	Festo AG & Co. KG
+PN-V21	1	Holder	TMH-10	SMC.TMH-10	SMC Pneumatik GmbH
+PN-V21	1	Shuttle Valve, 10mm	VR1220F-10	SMC.VR1220F-10	SMC Pneumatik GmbH
+PN-V22	1	Push-in fitting	QS-10H-6	FESTO.QS-10H-6	Festo AG & Co. KG

# Parts list

Device tag	Quantity	Designation	Type number	Part number	Supplier
+PN-V22	1	Holder	TMH-10	SMC.TMH-10	SMC Pneumatik GmbH
+PN-V22	1	Shuttle Valve, 10mm	VR1220F-10	SMC.VR1220F-10	SMC Pneumatik GmbH
+PN-V23	1	Push-in fitting	QS-10H-6	FESTO.QS-10H-6	Festo AG & Co. KG
+PN-V23	1	Holder	TMH-10	SMC.TMH-10	SMC Pneumatik GmbH
+PN-V23	1	Shuttle Valve, 10mm	VR1220F-10	SMC.VR1220F-10	SMC Pneumatik GmbH
+PN-V24	1	Push-in fitting	QS-10H-6	FESTO.QS-10H-6	Festo AG & Co. KG
+PN-V24	1	Holder	TMH-10	SMC.TMH-10	SMC Pneumatik GmbH
+PN-V24	1	Shuttle Valve, 10mm	VR1220F-10	SMC.VR1220F-10	SMC Pneumatik GmbH
+PN-V25	1	Push-in fitting	QS-10H-6	FESTO.QS-10H-6	Festo AG & Co. KG
+PN-V25	1	Holder	TMH-10	SMC.TMH-10	SMC Pneumatik GmbH
+PN-V25	1	Shuttle Valve, 10mm	VR1220F-10	SMC.VR1220F-10	SMC Pneumatik GmbH
+PN-V26	1	Push-in fitting	QS-10H-6	FESTO.QS-10H-6	Festo AG & Co. KG
+PN-V26	1	Holder	TMH-10	SMC.TMH-10	SMC Pneumatik GmbH
+PN-V26	1	Shuttle Valve, 10mm	VR1220F-10	SMC.VR1220F-10	SMC Pneumatik GmbH
+PN-V27	1	Push-in fitting	QS-10H-6	FESTO.QS-10H-6	Festo AG & Co. KG
+PN-V27	1	Holder	TMH-10	SMC.TMH-10	SMC Pneumatik GmbH
+PN-V27	1	Shuttle Valve, 10mm	VR1220F-10	SMC.VR1220F-10	SMC Pneumatik GmbH
+PN-V28	1	Push-in fitting	QS-10H-6	FESTO.QS-10H-6	Festo AG & Co. KG
+PN-V28	1	Holder	TMH-10	SMC.TMH-10	SMC Pneumatik GmbH
+PN-V28	1	Shuttle Valve, 10mm	VR1220F-10	SMC.VR1220F-10	SMC Pneumatik GmbH
+PN-V29	1	Push-in fitting	QS-10H-6	FESTO.QS-10H-6	Festo AG & Co. KG
+PN-V29	1	Holder	TMH-10	SMC.TMH-10	SMC Pneumatik GmbH
+PN-V29	1	Shuttle Valve, 10mm	VR1220F-10	SMC.VR1220F-10	SMC Pneumatik GmbH
+PN-V30	1	Push-in fitting	QS-10H-6	FESTO.QS-10H-6	Festo AG & Co. KG
+PN-V30	1	Holder	TMH-10	SMC.TMH-10	SMC Pneumatik GmbH
+PN-V30	1	Shuttle Valve, 10mm	VR1220F-10	SMC.VR1220F-10	SMC Pneumatik GmbH
+PN-V31	1	Push-in fitting	QS-10H-6	FESTO.QS-10H-6	Festo AG & Co. KG
+PN-V31	1	Holder	TMH-10	SMC.TMH-10	SMC Pneumatik GmbH
+PN-V31	1	Shuttle Valve, 10mm	VR1220F-10	SMC.VR1220F-10	SMC Pneumatik GmbH
+PN-V32	1	Push-in fitting	QS-10H-6	FESTO.QS-10H-6	Festo AG & Co. KG
+PN-V32	1	Holder	TMH-10	SMC.TMH-10	SMC Pneumatik GmbH
+PN-V32	1	Shuttle Valve, 10mm	VR1220F-10	SMC.VR1220F-10	SMC Pneumatik GmbH
+PN-V33	1	Push-in fitting	QS-10H-6	FESTO.QS-10H-6	Festo AG & Co. KG
+PN-V33	1	Holder	TMH-10	SMC.TMH-10	SMC Pneumatik GmbH
+PN-V33	1	Shuttle Valve, 10mm	VR1220F-10	SMC.VR1220F-10	SMC Pneumatik GmbH
+PN-V34	1	Push-in fitting	QS-10H-6	FESTO.QS-10H-6	Festo AG & Co. KG
+PN-V34	1	Holder	TMH-10	SMC.TMH-10	SMC Pneumatik GmbH
+PN-V34	1	Shuttle Valve, 10mm	VR1220F-10	SMC.VR1220F-10	SMC Pneumatik GmbH





Main Input  
1"

HDLV Pump  
Controller 1

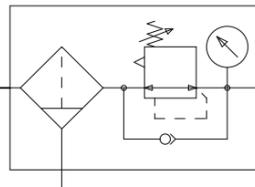
HDLV Pump  
Controller 2

-V0

1"

0101

-R1



1"

2.2  
A1.1

2.2  
A1.2

2.6  
A2.1

2.6  
A2.2

0102

0103

0104

0105

16 mm

16 mm

16 mm

16 mm

1"

PN / 2.0

Date	18.01.2018
Editor	Zimmermann
Revision	06.02.2018

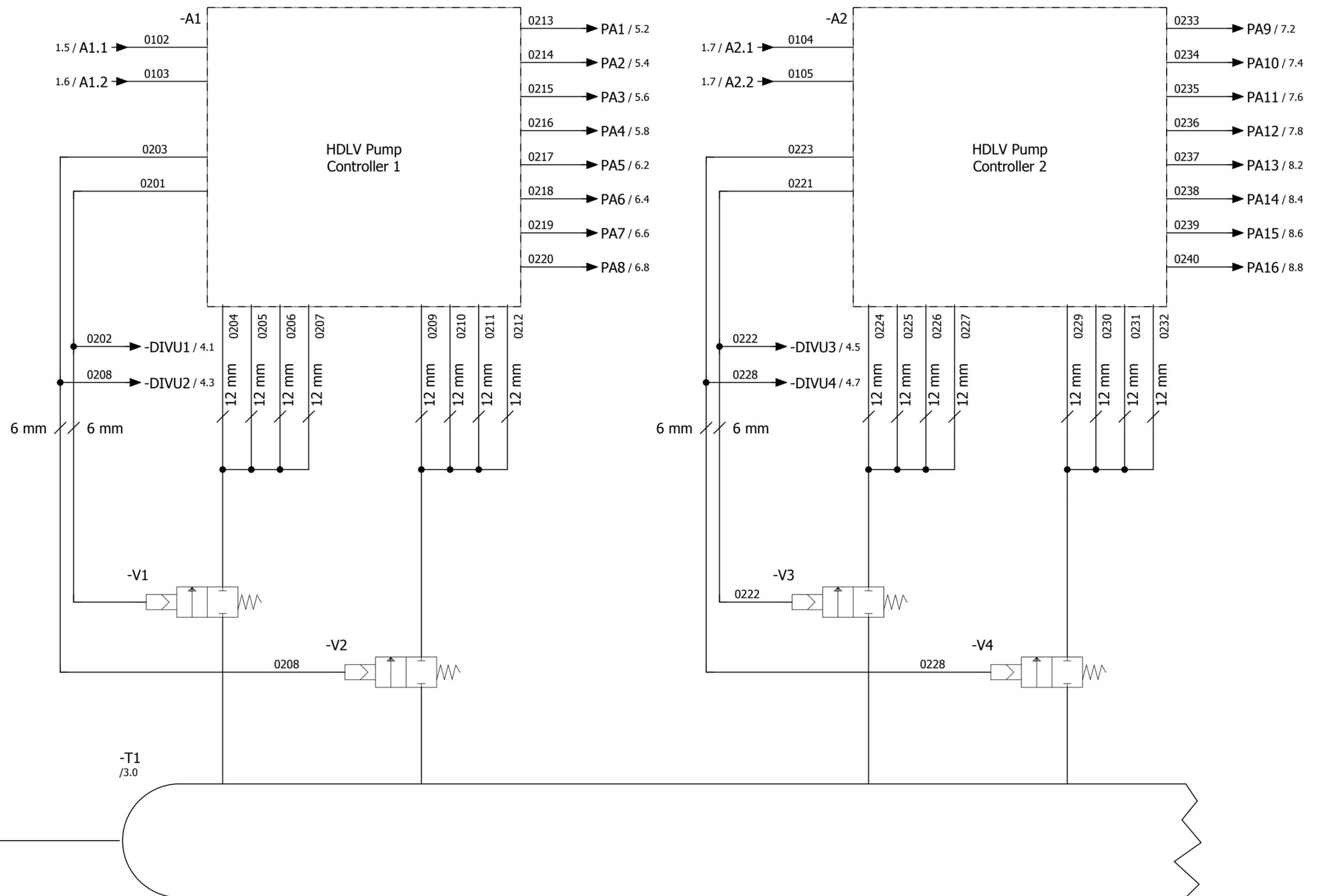
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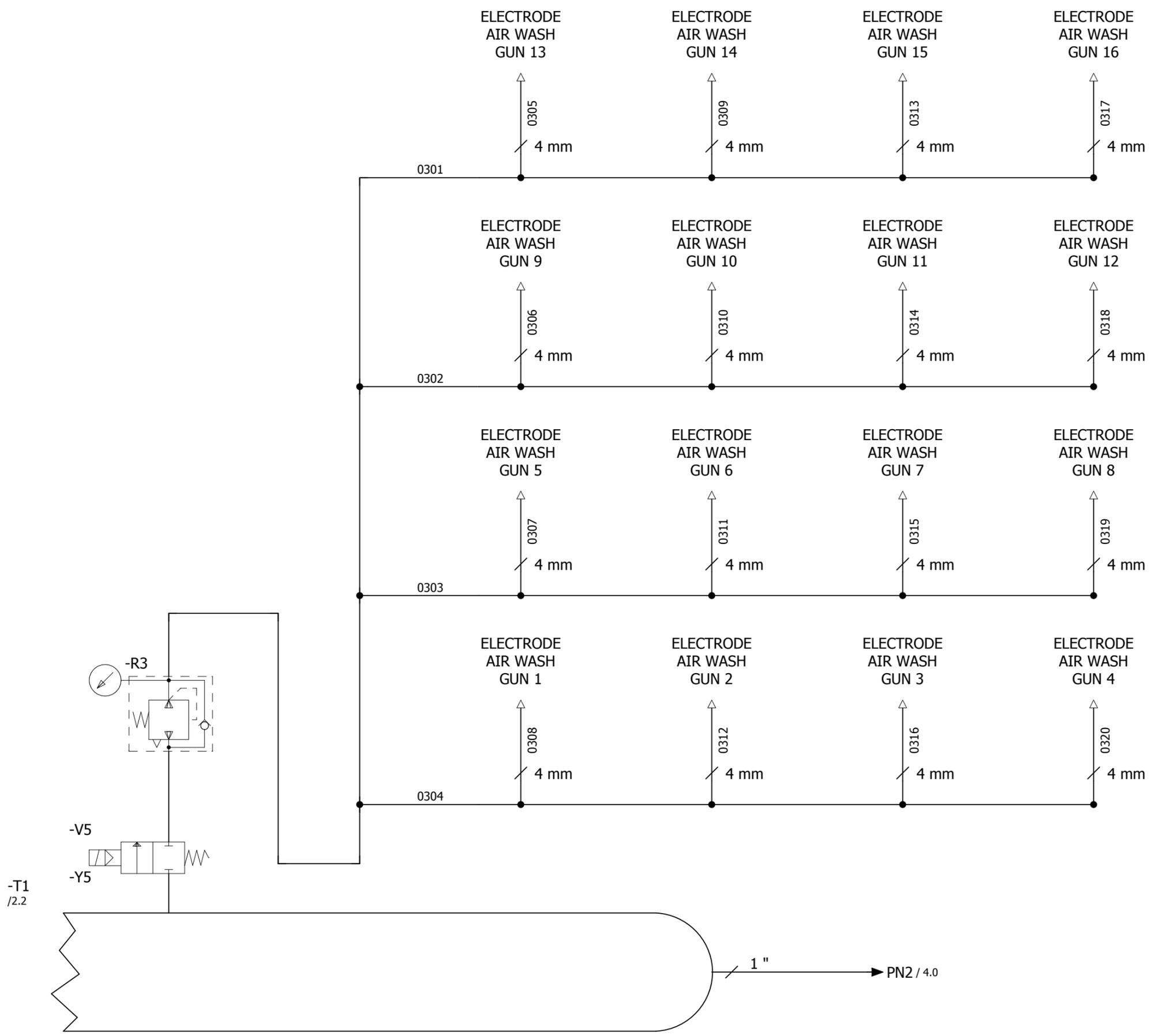


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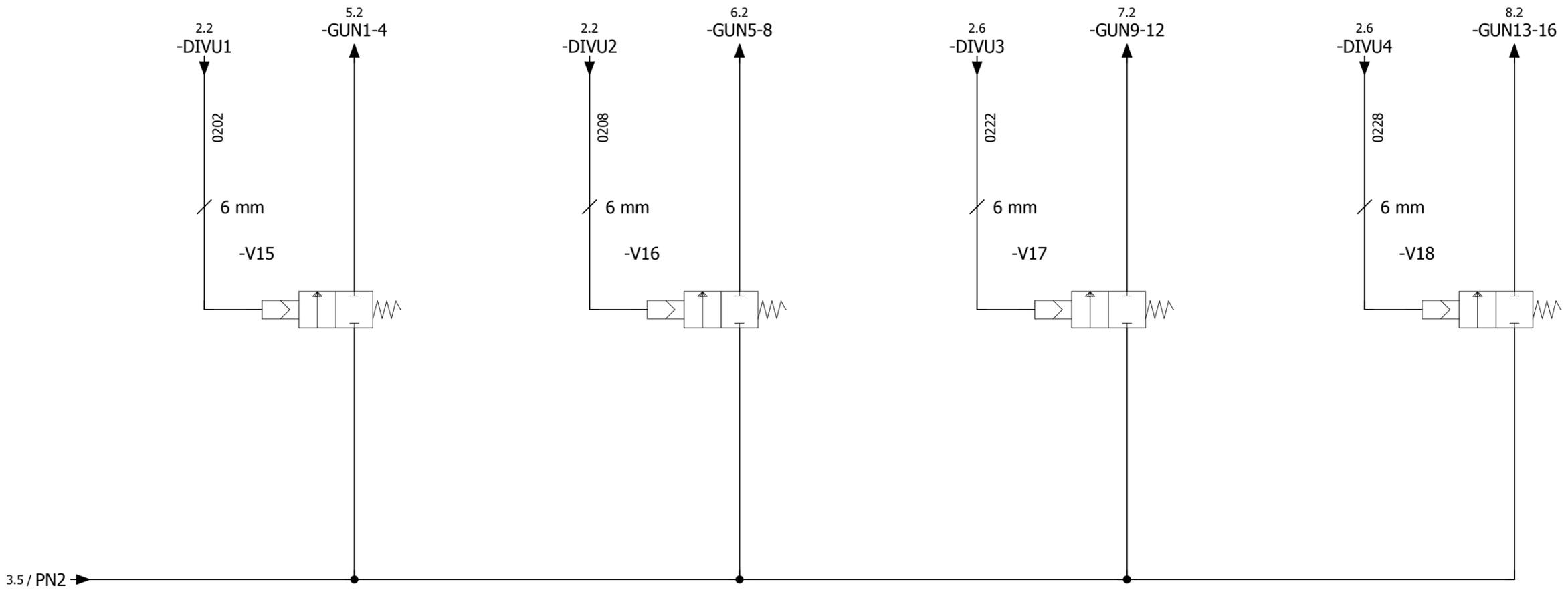
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PNEUMATIK CONNECTIONS

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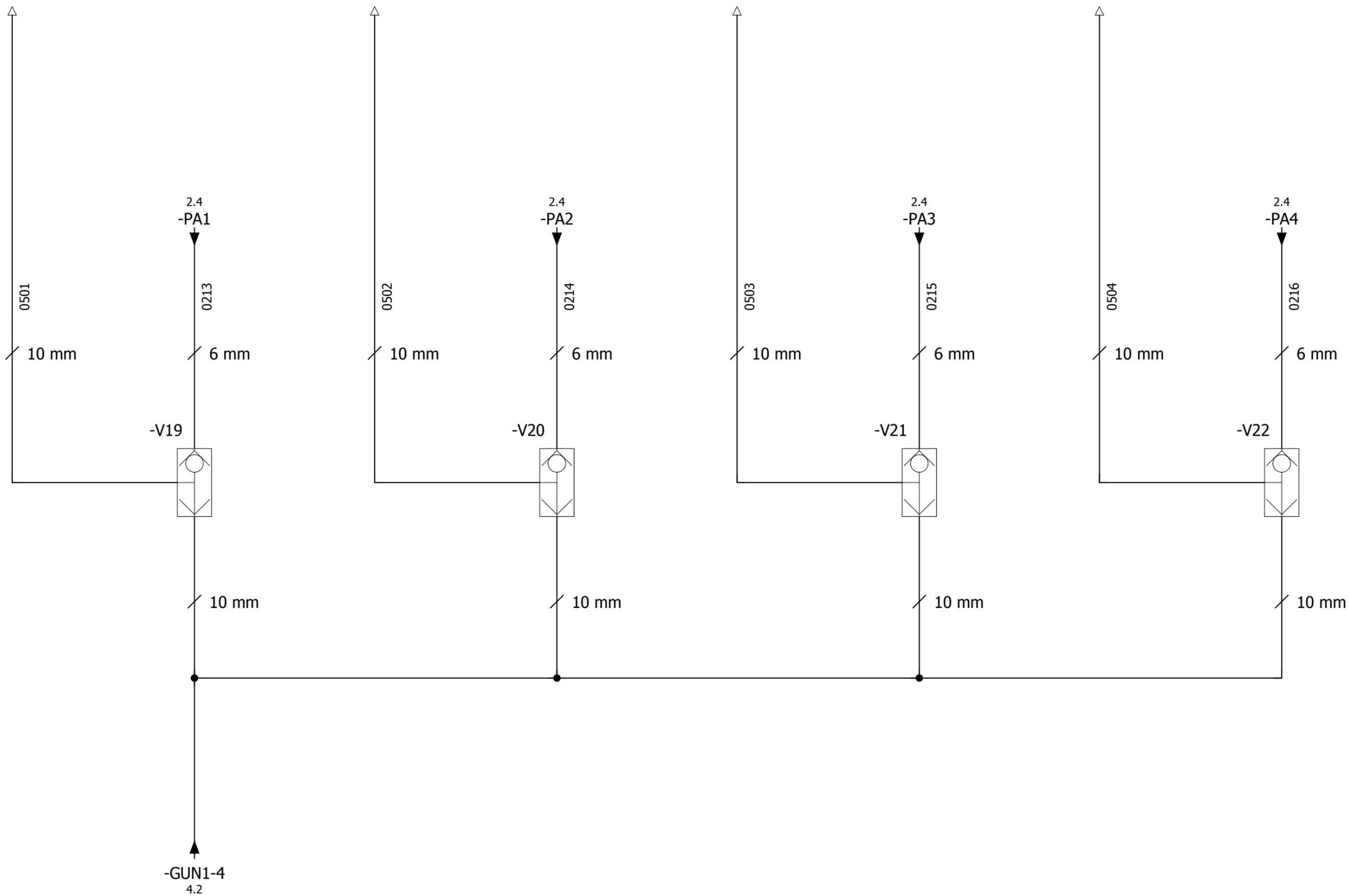
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GUN 1

GUN 2

GUN 3

GUN 4



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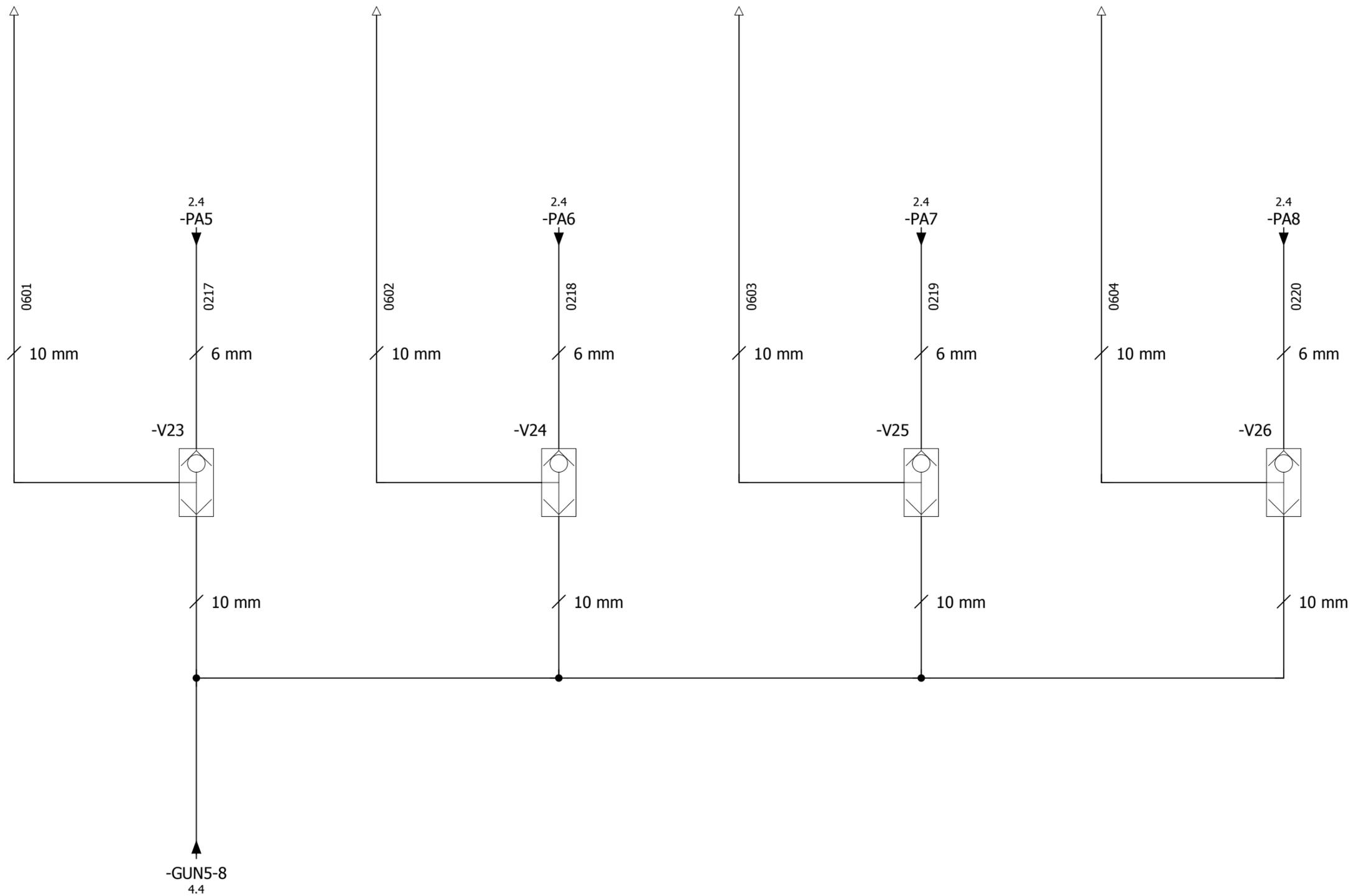
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GUN 5

GUN 6

GUN 7

GUN 8



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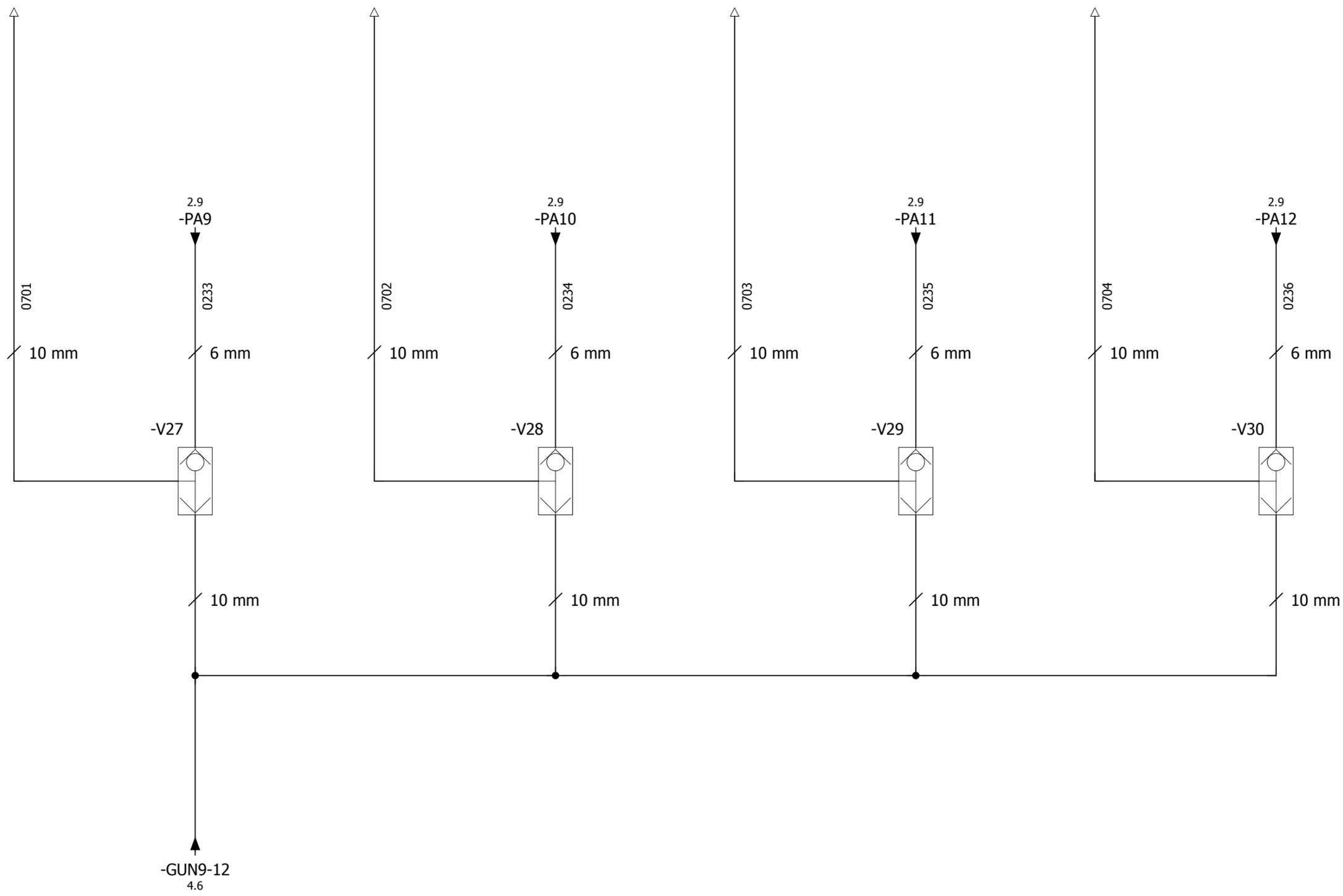
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GUN 10

GUN 11

GUN 12



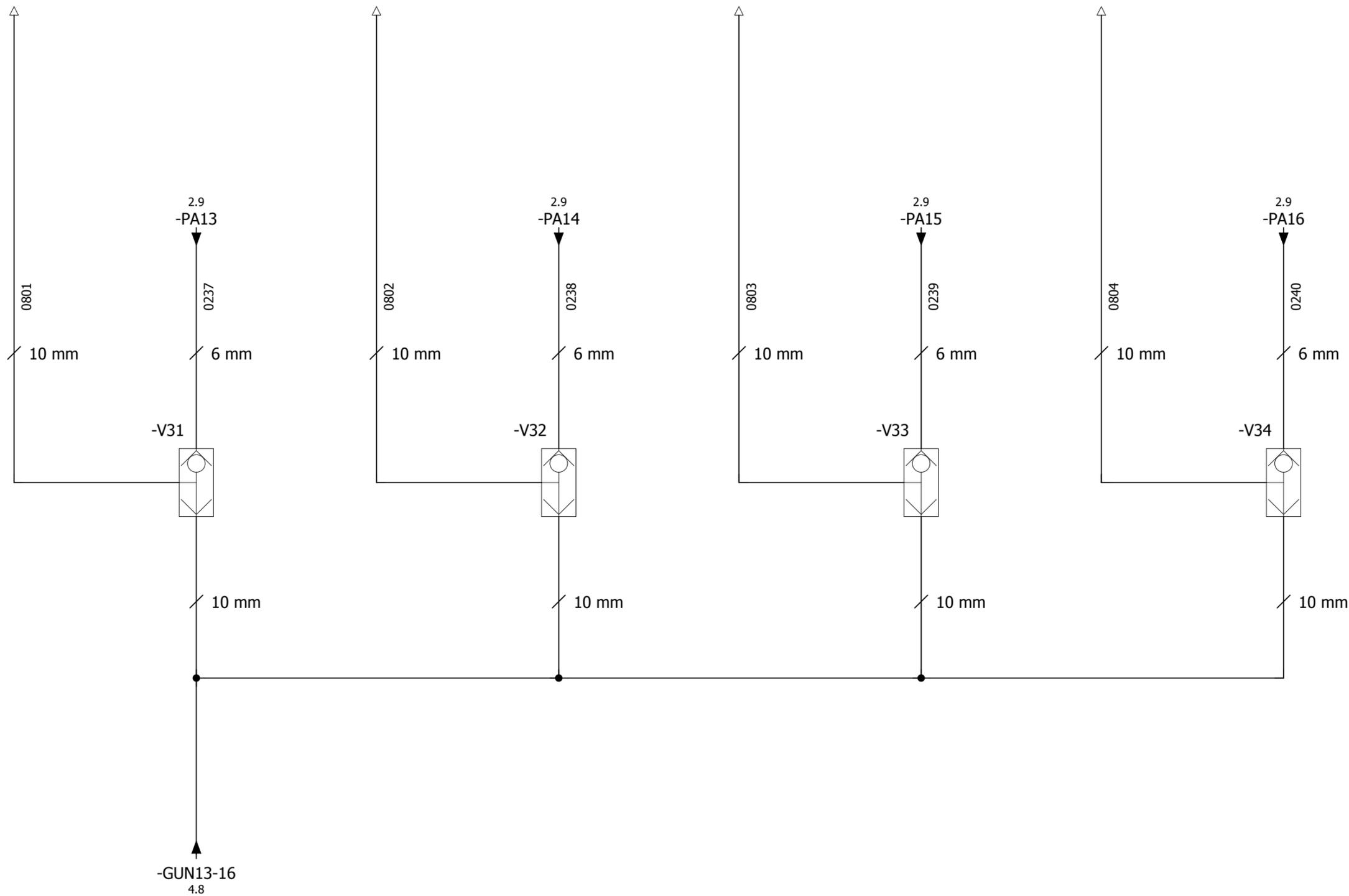
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# Parts list

Device tag	Quantity	Designation	Type number	Part number	Supplier
+PN-V22	1	Holder	TMH-10	SMC.TMH-10	SMC Pneumatik GmbH
+PN-V22	1	Shuttle Valve, 10mm	VR1220F-10	SMC.VR1220F-10	SMC Pneumatik GmbH
+PN-V23	1	Push-in fitting	QS-10H-6	FESTO.QS-10H-6	Festo AG & Co. KG
+PN-V23	1	Holder	TMH-10	SMC.TMH-10	SMC Pneumatik GmbH
+PN-V23	1	Shuttle Valve, 10mm	VR1220F-10	SMC.VR1220F-10	SMC Pneumatik GmbH
+PN-V24	1	Push-in fitting	QS-10H-6	FESTO.QS-10H-6	Festo AG & Co. KG
+PN-V24	1	Holder	TMH-10	SMC.TMH-10	SMC Pneumatik GmbH
+PN-V24	1	Shuttle Valve, 10mm	VR1220F-10	SMC.VR1220F-10	SMC Pneumatik GmbH
+PN-V25	1	Push-in fitting	QS-10H-6	FESTO.QS-10H-6	Festo AG & Co. KG
+PN-V25	1	Holder	TMH-10	SMC.TMH-10	SMC Pneumatik GmbH
+PN-V25	1	Shuttle Valve, 10mm	VR1220F-10	SMC.VR1220F-10	SMC Pneumatik GmbH
+PN-V26	1	Push-in fitting	QS-10H-6	FESTO.QS-10H-6	Festo AG & Co. KG
+PN-V26	1	Holder	TMH-10	SMC.TMH-10	SMC Pneumatik GmbH
+PN-V26	1	Shuttle Valve, 10mm	VR1220F-10	SMC.VR1220F-10	SMC Pneumatik GmbH
+PN-V27	1	Push-in fitting	QS-10H-6	FESTO.QS-10H-6	Festo AG & Co. KG
+PN-V27	1	Holder	TMH-10	SMC.TMH-10	SMC Pneumatik GmbH
+PN-V27	1	Shuttle Valve, 10mm	VR1220F-10	SMC.VR1220F-10	SMC Pneumatik GmbH
+PN-V28	1	Push-in fitting	QS-10H-6	FESTO.QS-10H-6	Festo AG & Co. KG
+PN-V28	1	Holder	TMH-10	SMC.TMH-10	SMC Pneumatik GmbH
+PN-V28	1	Shuttle Valve, 10mm	VR1220F-10	SMC.VR1220F-10	SMC Pneumatik GmbH
+PN-V29	1	Push-in fitting	QS-10H-6	FESTO.QS-10H-6	Festo AG & Co. KG
+PN-V29	1	Holder	TMH-10	SMC.TMH-10	SMC Pneumatik GmbH
+PN-V29	1	Shuttle Valve, 10mm	VR1220F-10	SMC.VR1220F-10	SMC Pneumatik GmbH
+PN-V30	1	Push-in fitting	QS-10H-6	FESTO.QS-10H-6	Festo AG & Co. KG
+PN-V30	1	Holder	TMH-10	SMC.TMH-10	SMC Pneumatik GmbH
+PN-V30	1	Shuttle Valve, 10mm	VR1220F-10	SMC.VR1220F-10	SMC Pneumatik GmbH
+PN-V31	1	Push-in fitting	QS-10H-6	FESTO.QS-10H-6	Festo AG & Co. KG
+PN-V31	1	Holder	TMH-10	SMC.TMH-10	SMC Pneumatik GmbH
+PN-V31	1	Shuttle Valve, 10mm	VR1220F-10	SMC.VR1220F-10	SMC Pneumatik GmbH
+PN-V32	1	Push-in fitting	QS-10H-6	FESTO.QS-10H-6	Festo AG & Co. KG
+PN-V32	1	Holder	TMH-10	SMC.TMH-10	SMC Pneumatik GmbH
+PN-V32	1	Shuttle Valve, 10mm	VR1220F-10	SMC.VR1220F-10	SMC Pneumatik GmbH
+PN-V33	1	Push-in fitting	QS-10H-6	FESTO.QS-10H-6	Festo AG & Co. KG
+PN-V33	1	Holder	TMH-10	SMC.TMH-10	SMC Pneumatik GmbH
+PN-V33	1	Shuttle Valve, 10mm	VR1220F-10	SMC.VR1220F-10	SMC Pneumatik GmbH
+PN-V34	1	Push-in fitting	QS-10H-6	FESTO.QS-10H-6	Festo AG & Co. KG
+PN-V34	1	Holder	TMH-10	SMC.TMH-10	SMC Pneumatik GmbH
+PN-V34	1	Shuttle Valve, 10mm	VR1220F-10	SMC.VR1220F-10	SMC Pneumatik GmbH

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