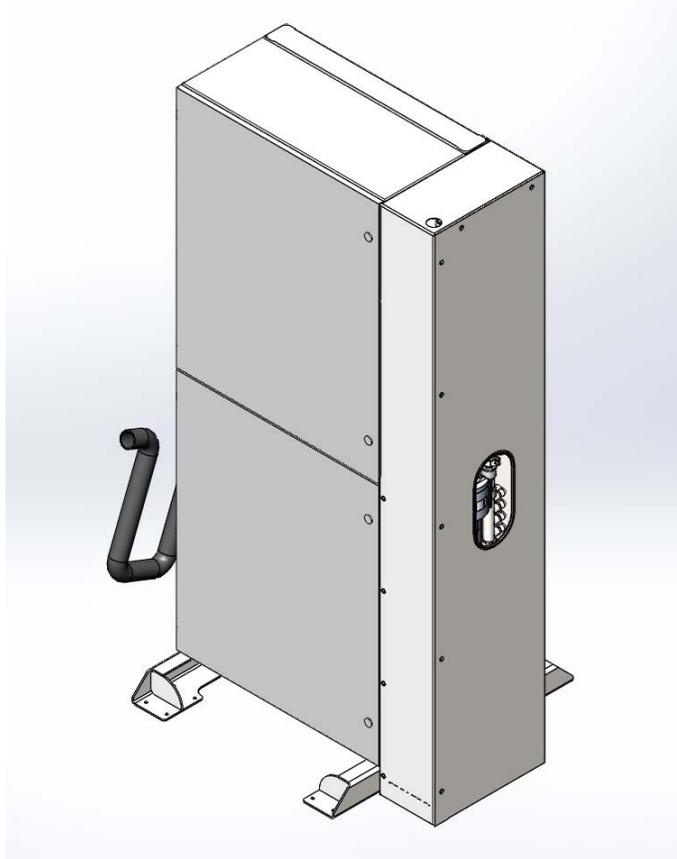


HDLV® Bağımsız Pompa Paneli - Encore®

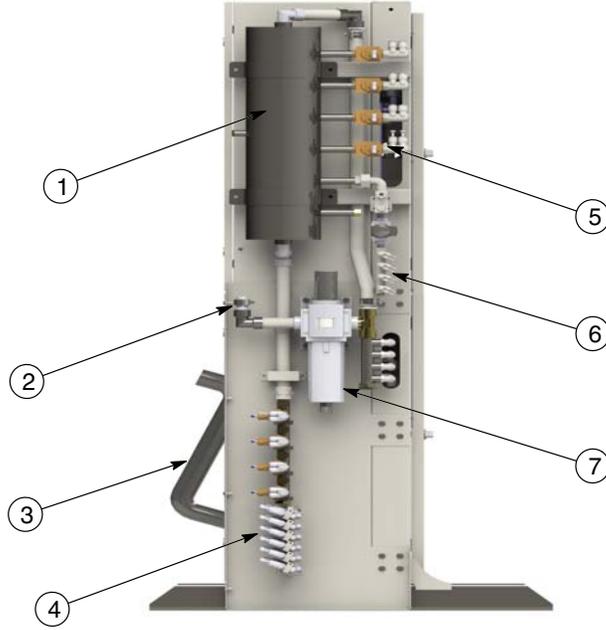


Şekil 1 HDLV Bağımsız Pompa Paneli (iki adet Sekizli pompa paneli gösterilmektedir)

Pompa paneli, Encore® HD Otomatik Püskürtme Tabancalarıyla birlikte kullanılan HDLV® pompaları için merkezi elektrik ve pnömatik kutusudur. Pompa panelleri çeşitli konfigürasyonlarda mevcuttur: dört, altı ve sekiz pompa; her stand, on altı pompaya kadar pompayı tutar. Her pompa paneli; HDLV pompalar, pompa manifoldları ve pompa kontrol panelleri, hava filtresi ve pnömatik kumandaları ve DC güç kaynağını bulundurmaktadır.

Bu bağımsız sistem; pompaları, toz borusunu ve tabancaları temizlemek için kullanılan hava rezervuarlı HDLV pompa panelini içerir.

Kurulum



Şekil 2 Önemli pnömatrik bileşenlerine genel bakış

- | | | |
|--------------------|------------------------------|--|
| 1. Temizleme tankı | 3. Toz hortumu bağlantısı | 5. Pompa temizleme valfleri |
| 2. Havası Girişi | 4. Temizleme havası difüzörü | 6. Elektrotlu havayla yıkama beslemesi |
| | | 7. Filtreleme ve regülasyon ünitesi |

1. Üniteyi istediğiniz konuma yerleştirin ve zeminde emniyete alın.
2. Pnömatrik hava beslemesini 1" filtre ünitesinin girişine bağlayın (bkz. Şekil 2). Besleme basıncı 6,5 bar (dinamik) olmalıdır

NOT: Pompa panelleri teknik kılavuzun Kurulum bölümündeki talimatlara uygun şekilde bağlanır, bkz.
<http://emanuals.nordson.com/finishing/files/translations/uspowder/7192824a>

Tahliye Temizleme Çevrimi

Tahliye temizleme çevrimini etkinleştirmek için, Powder Pilot™ HD veya iControl® 2 konsolundaki ilgili butona basın.

NOT: Bu işlem, sadece ürünlerin ve operatörlerin ikisi de boşsa etkinleştirilmelidir.

Sorun Giderme

Bu sorun giderme prosedürleri sadece en sık karşılaşılan problemleri kapsar. Burada verilen bilgilerle bir problemi çözemezseniz, yardım için yerel Nordson temsilciliğiniz ile temas kurun.

Sorun	Olası Neden	Düzeltilici Eylem
1. Tahliyeden sonra tabancalar temiz değil	Darbe tankı girişinde hava basıncı düşük veya yok	Hava kaçaklarını kontrol edin ve 6,5 bar dinamik basınç olduğundan emin olun.
2. Tabancalar/pompalar tahliye olmuyor	iControl veya Master kontrolde etkinleştirilmemiş Tahliye tankında hava basıncı yok. Şebeke/kontrol gerilimi kapalı. Tahliye tankında hava basıncı yok. Şebeke/kontrol gerilimi kapalı.	iControl/Master kontrolün açık ve etkinleştirilmiş olduğundan emin olun. Kompresörün doğru çalışıp çalışmadığını ve 6,5 bar dinamik basıncın mevcut olup olmadığını kontrol edin. Hava kaçaklarını kontrol edin ve düzeltin. Şebeke elektriğinin açık olup olmadığını kontrol edin. Pompa panelinde kontrol gerilimi olup olmadığını kontrol edin.

NOT: Bakım ve onarım dahil olmak üzere pompa ile ilgili sorunlar hakkında bilgiler için kılavuza başvurun, bkz. <http://emanuals.nordson.com/finishing/files/translations/uspowder/7192824a>

Parçalar

Parça sipariş etmek için Nordson Finisaj Müşteri Destek Merkezini +800 7001 7001 numaralı telefondan ya da yerel Nordson temsilcinizi arayın.

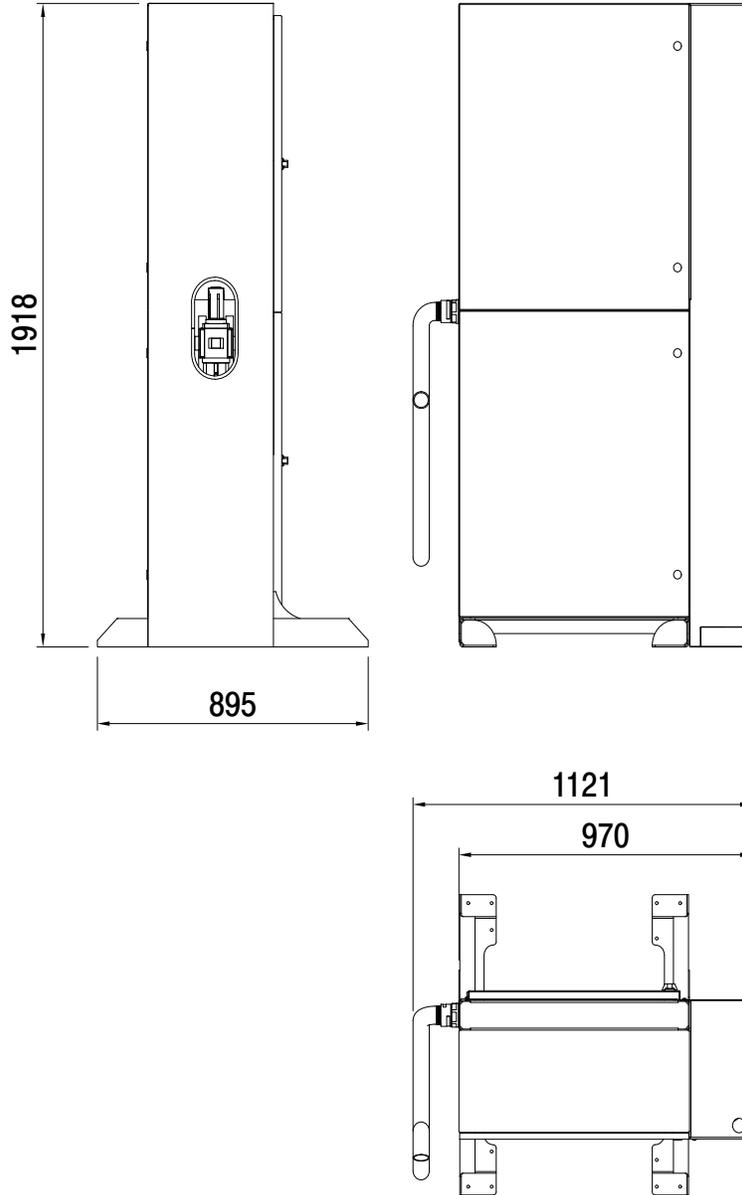
Parça sütunundaki sayı, Nordson GmbH parça numarasıdır.

Tanım sütunu, parça adını ve varyasyonlarını gösterir.

Not sütunundaki harfler, her parça listesinin sonundaki notlara karşılık gelir. Notlar, kullanım ve sipariş hakkında önemli bilgileri içerebilir. Notlara özel dikkat gösterilmelidir.

Parça	Tanım	Not
7033180	BAĞIMSIZ HDLV POMPA PANELİ,4 POMPA,GEN3	A
7033181	BAĞIMSIZ HDLV POMPA PANELİ,6 POMPA,GEN3	A
7033182	BAĞIMSIZ HDLV POMPA PANELİ,8 POMPA,GEN3	A
7033183	BAĞIMSIZ HDLV POMPA PANELİ,10 POMPA,GEN3	A
7033184	BAĞIMSIZ HDLV POMPA PANELİ,12 POMPA,GEN3	A
7033185	BAĞIMSIZ HDLV POMPA PANELİ,14 POMPA,GEN3	A
7033186	BAĞIMSIZ HDLV POMPA PANELİ,16 POMPA,GEN3	A
NOT	A: Pompa panelinin çalıştırılması ve yedek parçaları için lütfen http://emanuals.nordson.com/finishing/files/translations/uspowder/7192824a adresindeki Nordson e-kılavuzlarına bakın	

Boyutlar



Şekil 3 Genel boyutlar

Duyuru

Telif hakkıyla korunan bir Nordson Corporation yayınıdır. Orijinal telif hakkı tarihi 2010. Bu belgeye ait hiçbir bölümün Nordson Corporation'ın yazılı onayı olmadan fotokopisi çekilemez, çoğaltılamaz ya da başka bir dile çevrilemez. Bu yayında bulunan bilgiler önceden bildirme gerek duymaksızın değişikliğe tabidir.

Yayımlama tarihi 02/18

- Orijinal dokümanın çevirisi -

Ticari markalar

Encore, HDLV, Spectrum, Nordson ve Nordson logosu, tescilli ticari markalardır tescilli ticari markalardır. Tüm diğer ticari markalar ilgili sahiplerinin mülkiyeti altındadır.

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

Main Input
1"

HDLV Pump
Controller 1

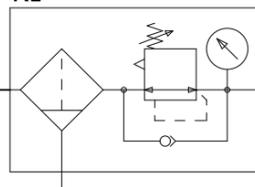
HDLV Pump
Controller 2

-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

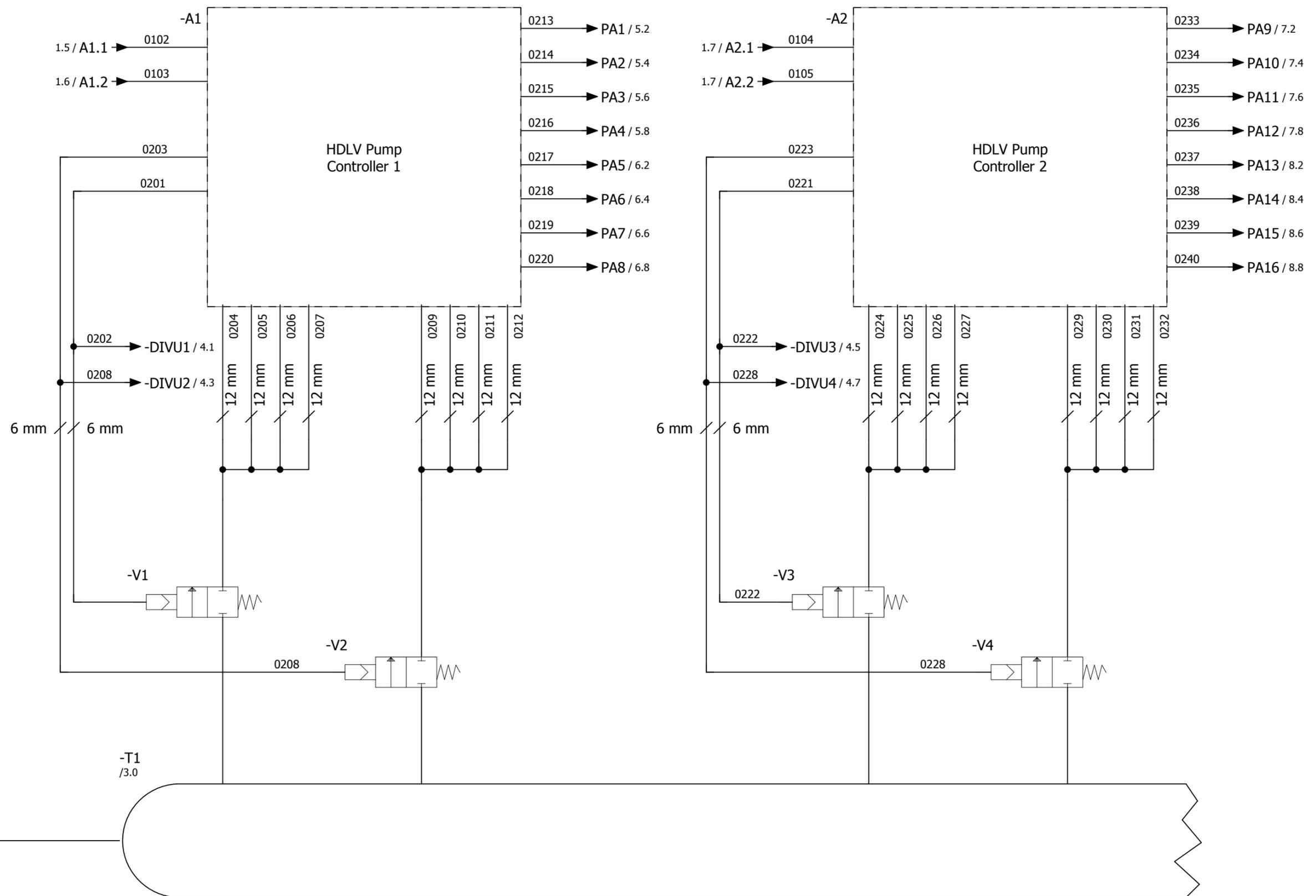
This drawing is exclusive property of Nordson Deutschland Technical Office. It must not in any case be used to the prejudice of his interest.



Nordson Deutschland GmbH
Heinrich-Hertz-Str. 42
40699 Erkrath
Tel.: (+49) 211- 9205-0
Fax.: (+49) 211- 254658
www.nordson.com

Description
PNEUMATIK CONNECTIONS

=	
+ PN	HDLV Pneumatic
	Page 1
	of 8 Pages
	02-258-554



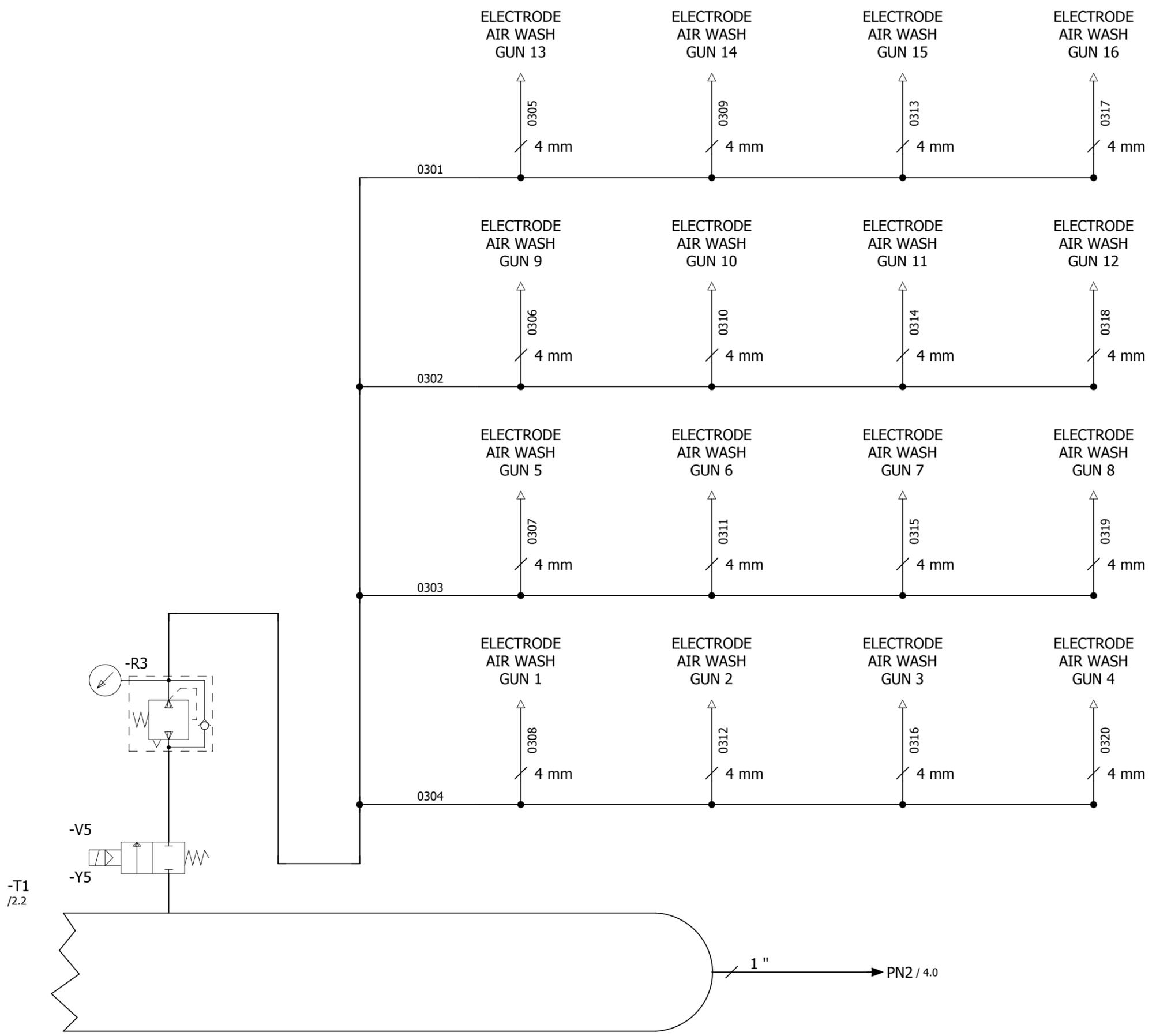
Date	18.01.2018
Editor	Zimmermann
Revision	07.02.2018

This drawing is exclusive property of Nordson Deutschland Technical Office. It must not in any case be used to the prejudice of his interest.

Nordson Deutschland GmbH
 Heinrich-Hertz-Str. 42
 40699 Erkrath
 Tel.: (+49) 211- 9205-0
 Fax.: (+49) 211- 254658
 www.nordson.com

Description
PNEUMATIK CONNECTIONS

=	
+ PN	HDLV Pneumatic
	Page 2
02-258-554	of 8 Pages



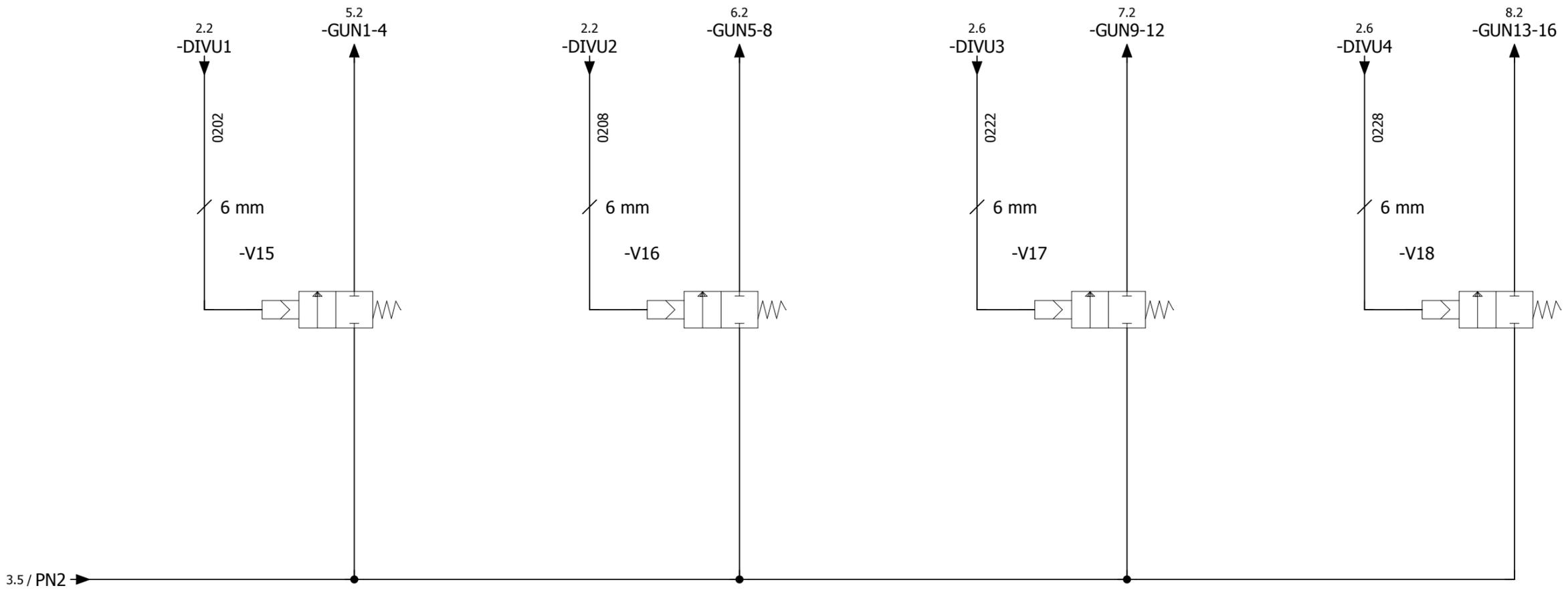
Date	18.01.2018	This drawing is exclusive property of Nordson Deutschland Technical Office. It must not in any case be used to the prejudice of his interest.
Editor	Zimmermann	
Revision	07.02.2018	



Nordson Deutschland GmbH
 Heinrich-Hertz-Str. 42
 40699 Erkrath
 Tel.: (+49) 211- 9205-0
 Fax.: (+49) 211- 254658
 www.nordson.com

Description	PNEUMATIK CONNECTIONS
-------------	-----------------------

=	HDLV Pneumatic	Page	3
+ PN		of	8 Pages
02-258-554			



Date	18.01.2018	This drawing is exclusive property of Nordson Deutschland Technical Office. It must not in any case be used to the prejudice of his interest.
Editor	Zimmermann	
Revision	07.02.2018	



Nordson Deutschland GmbH
 Heinrich-Hertz-Str. 42
 40699 Erkrath
 Tel.: (+49) 211- 9205-0
 Fax.: (+49) 211- 254658
 www.nordson.com

Description
PNEUMATIK CONNECTIONS

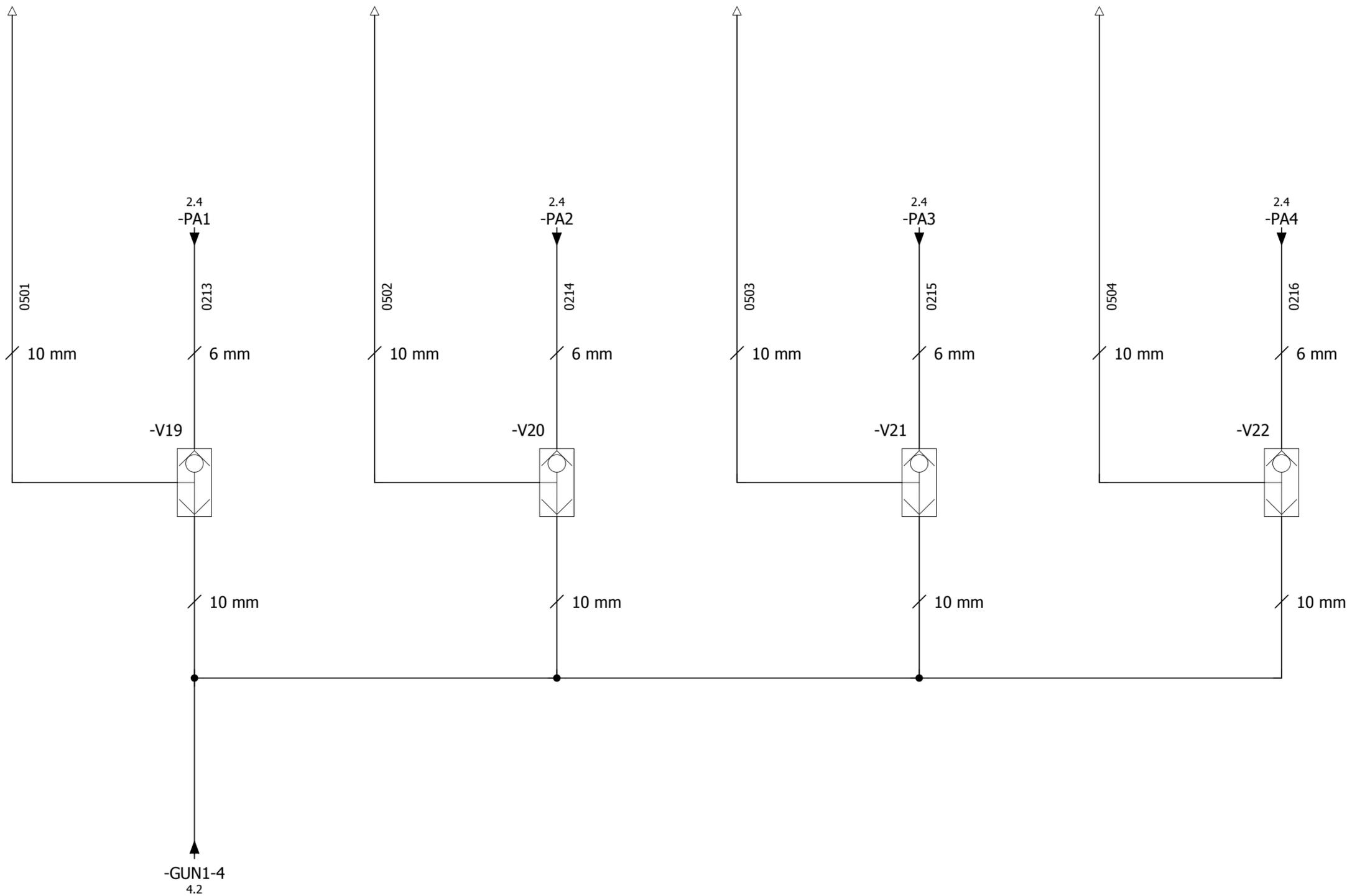
=	HDLV Pneumatic	
+ PN		
	Page	4
	of	8 Pages
	02-258-554	

GUN 1

GUN 2

GUN 3

GUN 4



Date	18.01.2018
Editor	Zimmermann
Revision	07.02.2018

This drawing is exclusive property of Nordson Deutschland Technical Office. It must not in any case be used to the prejudice of his interest.



Nordson Deutschland GmbH
 Heinrich-Hertz-Str. 42
 40699 Erkrath
 Tel.: (+49) 211- 9205-0
 Fax.: (+49) 211- 254658
 www.nordson.com

Description
 PNEUMATIK CONNECTIONS

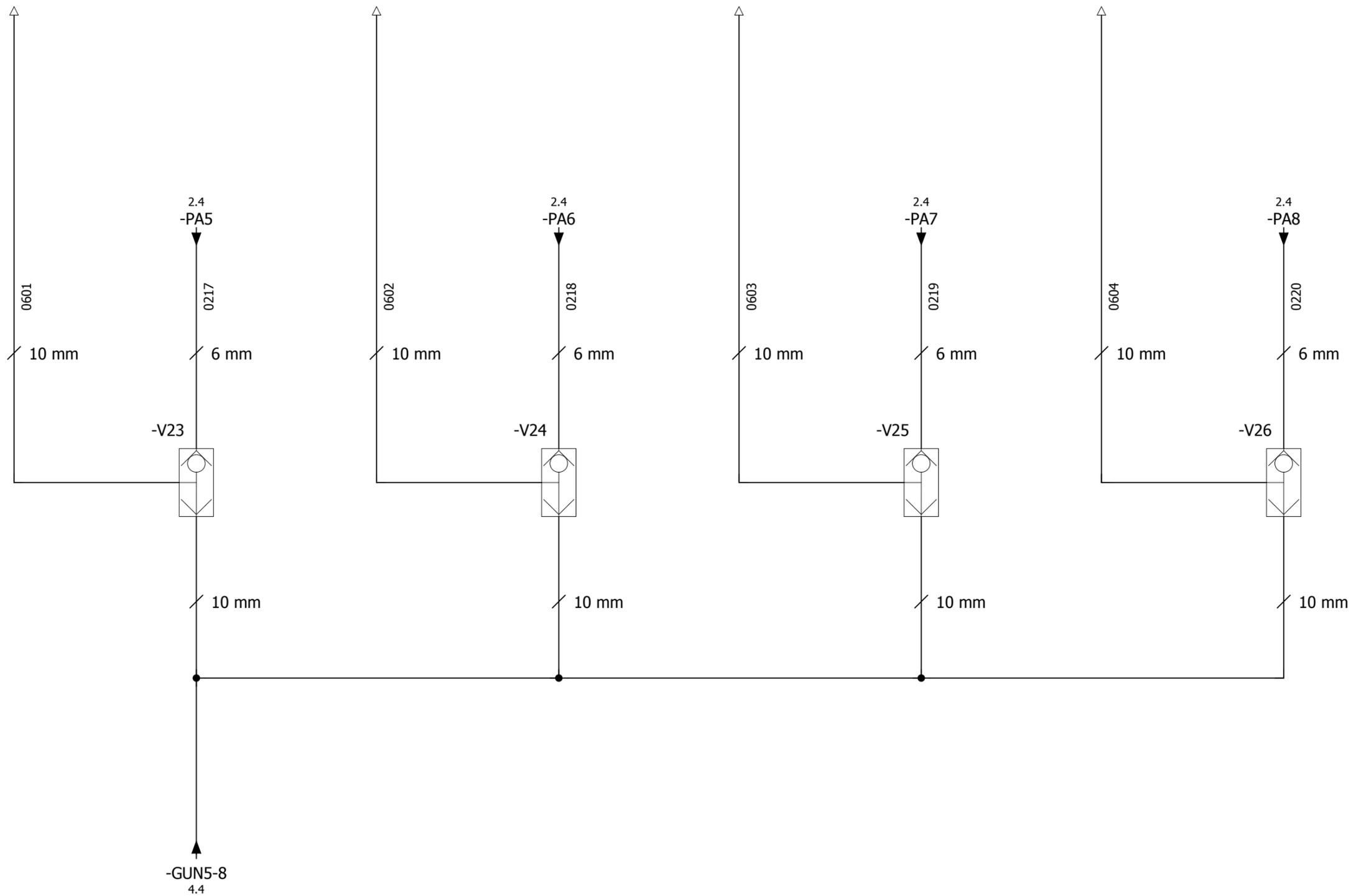
=	HDLV Pneumatic	Page	5
+ PN		of	8 Pages
	02-258-554		

GUN 5

GUN 6

GUN 7

GUN 8



Date	18.01.2018
Editor	Zimmermann
Revision	07.02.2018

This drawing is exclusive property of Nordson Deutschland Technical Office. It must not in any case be used to the prejudice of his interest.



Nordson Deutschland GmbH
 Heinrich-Hertz-Str. 42
 40699 Erkrath
 Tel.: (+49) 211- 9205-0
 Fax.: (+49) 211- 254658
 www.nordson.com

Description
 PNEUMATIK CONNECTIONS

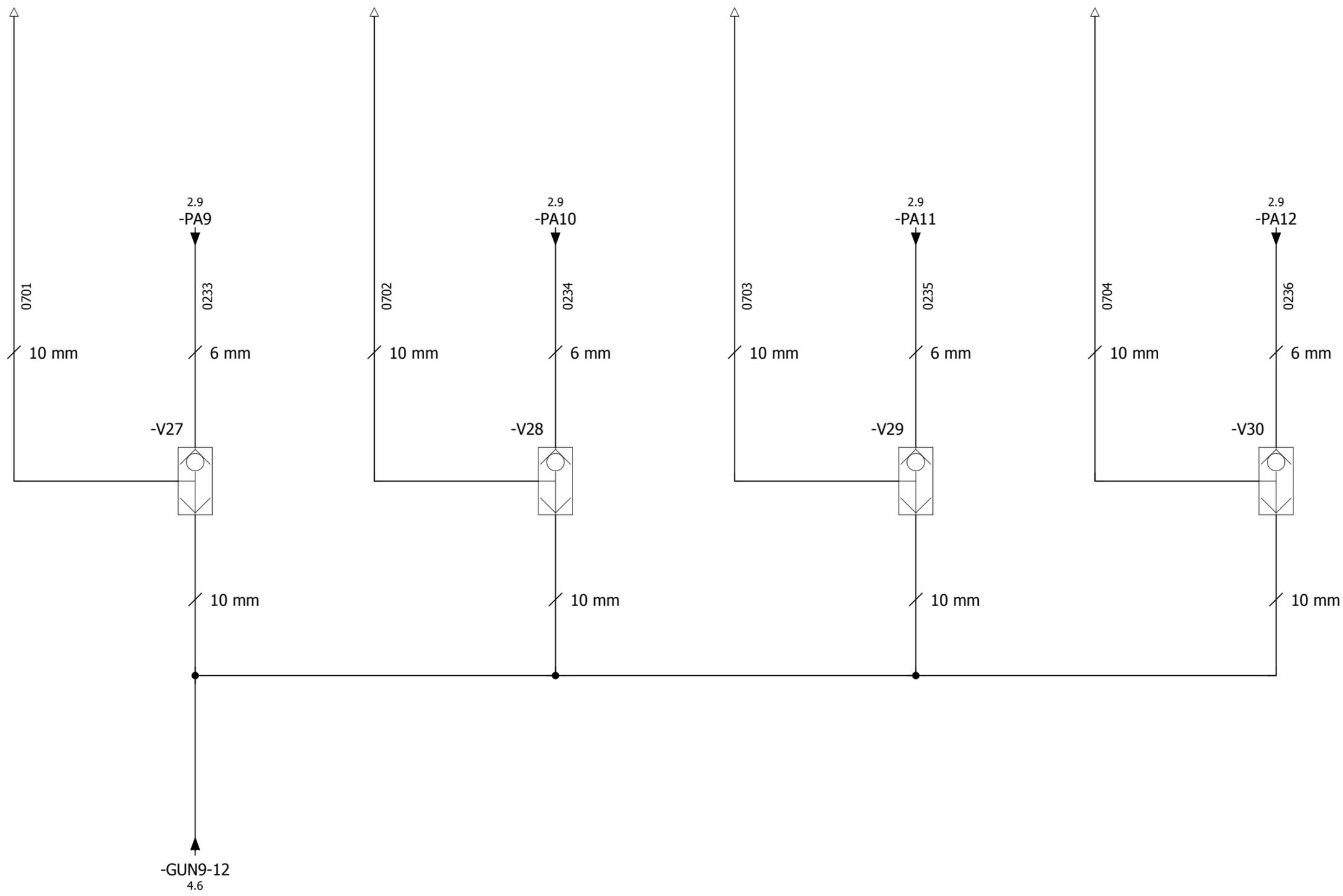
=	HDLV Pneumatic	
+ PN	HDLV Pneumatic	
	Page	6
	of	8 Pages
	02-258-554	

GUN 9

GUN 10

GUN 11

GUN 12



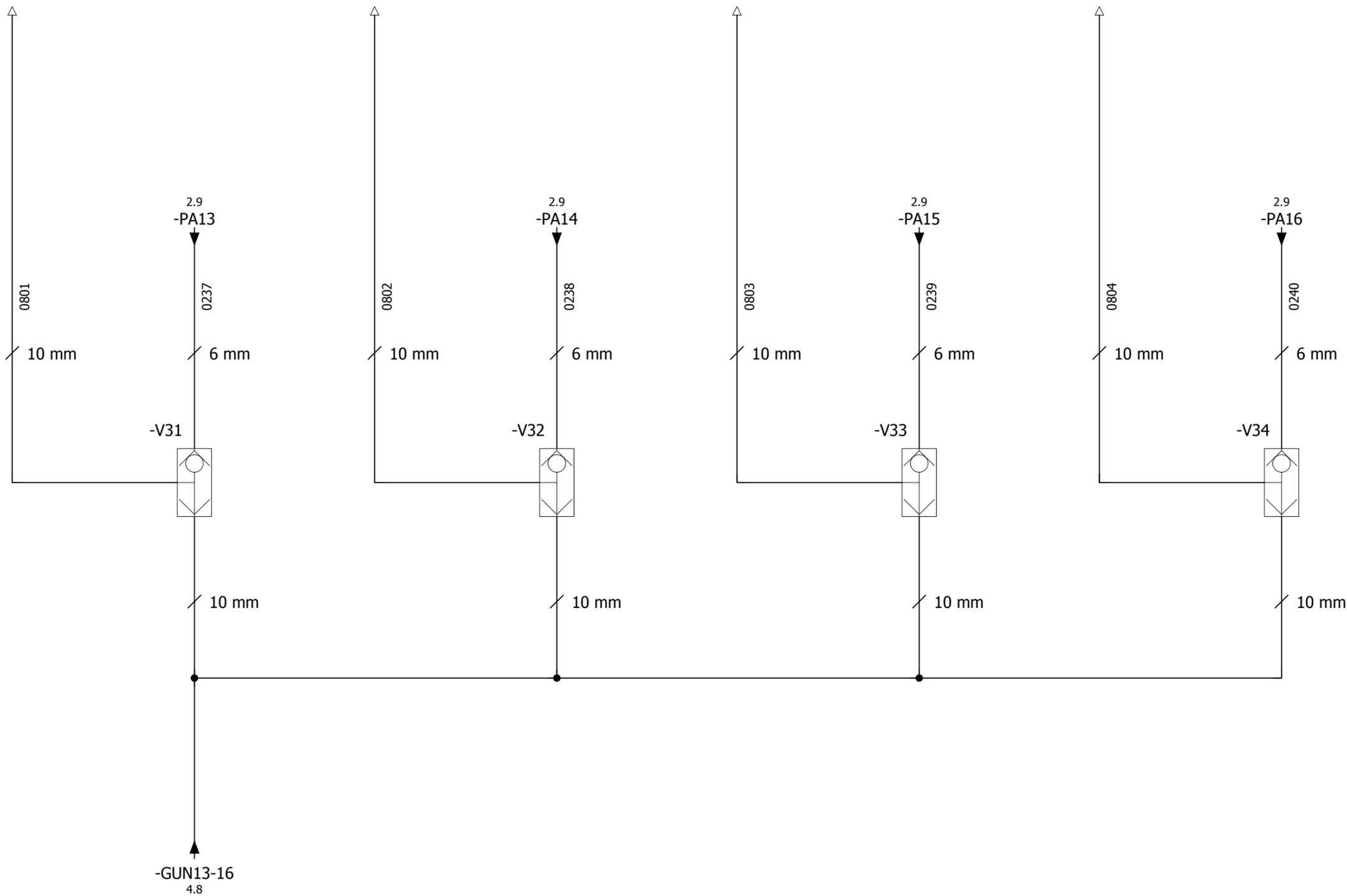
		Date	18.01.2018	This drawing is exclusive property of Nordson Deutschland Technical Office. It must not in any case be used to the prejudice of his interest.	 Nordson Deutschland GmbH Heinrich-Hertz-Str. 42 40699 Erkrath Tel.: (+49) 211- 9205-0 Fax.: (+49) 211- 254658 www.nordson.com	Description		=			
		Editor	Zimmermann			PNEUMATIK CONNECTIONS		+ PN		HDLV Pneumatic	
		Revision	07.02.2018							Page	7
								of	8 Pages		
								02-258-554			

GUN 13

GUN 14

GUN 15

GUN 16



Date	18.01.2018
Editor	Zimmermann
Revision	07.02.2018

This drawing is exclusive property of Nordson Deutschland Technical Office. It must not in any case be used to the prejudice of his interest.



Nordson Deutschland GmbH
 Heinrich-Hertz-Str. 42
 40699 Erkrath
 Tel.: (+49) 211- 9205-0
 Fax.: (+49) 211- 254658
 www.nordson.com

Description
 PNEUMATIK CONNECTIONS

=	HDLV Pneumatic	Page	8
+ PN		of	8 Pages
	02-258-554		

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

2

Date	07.02.2018	This drawing is exclusive property of Nordson Deutschland Technical Office. It must not in any case be used to the prejudice of his interest.		Nordson Deutschland GmbH Heinrich-Hertz-Str. 42 40699 Erkrath Tel.: (+49) 211- 9205-0 Fax.: (+49) 211- 254658 www.nordson.com	Description	Parts list	=	+ PL	HDLV Pneumatic	Page	1		
Editor	Zimmermann										02-258-554	of	3
Revision	07.02.2018												

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

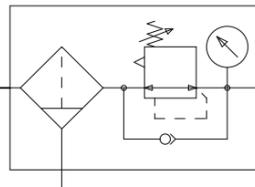
HDLV Pump
Controller 2

-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

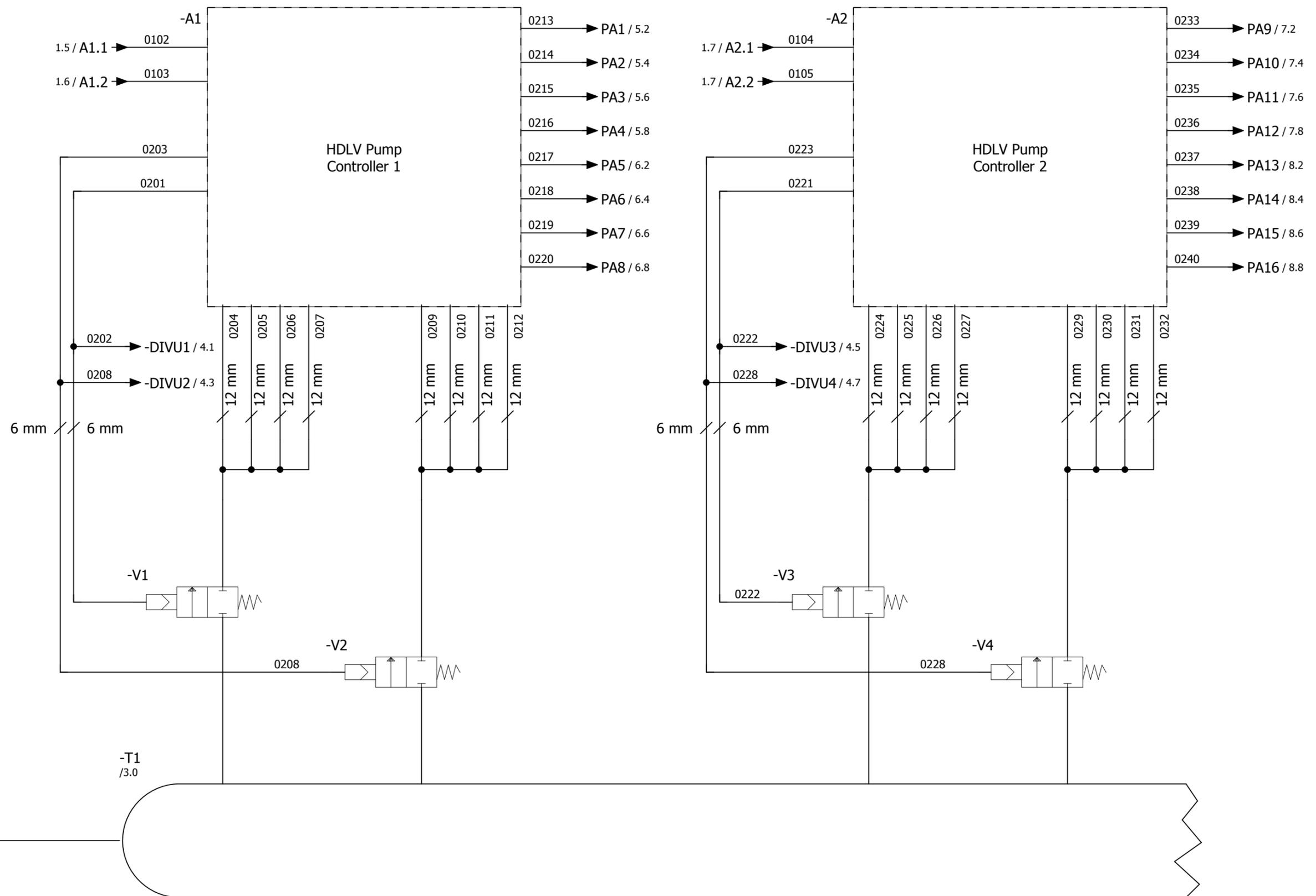
This drawing is exclusive property of Nordson Deutschland Technical Office. It must not in any case be used to the prejudice of his interest.

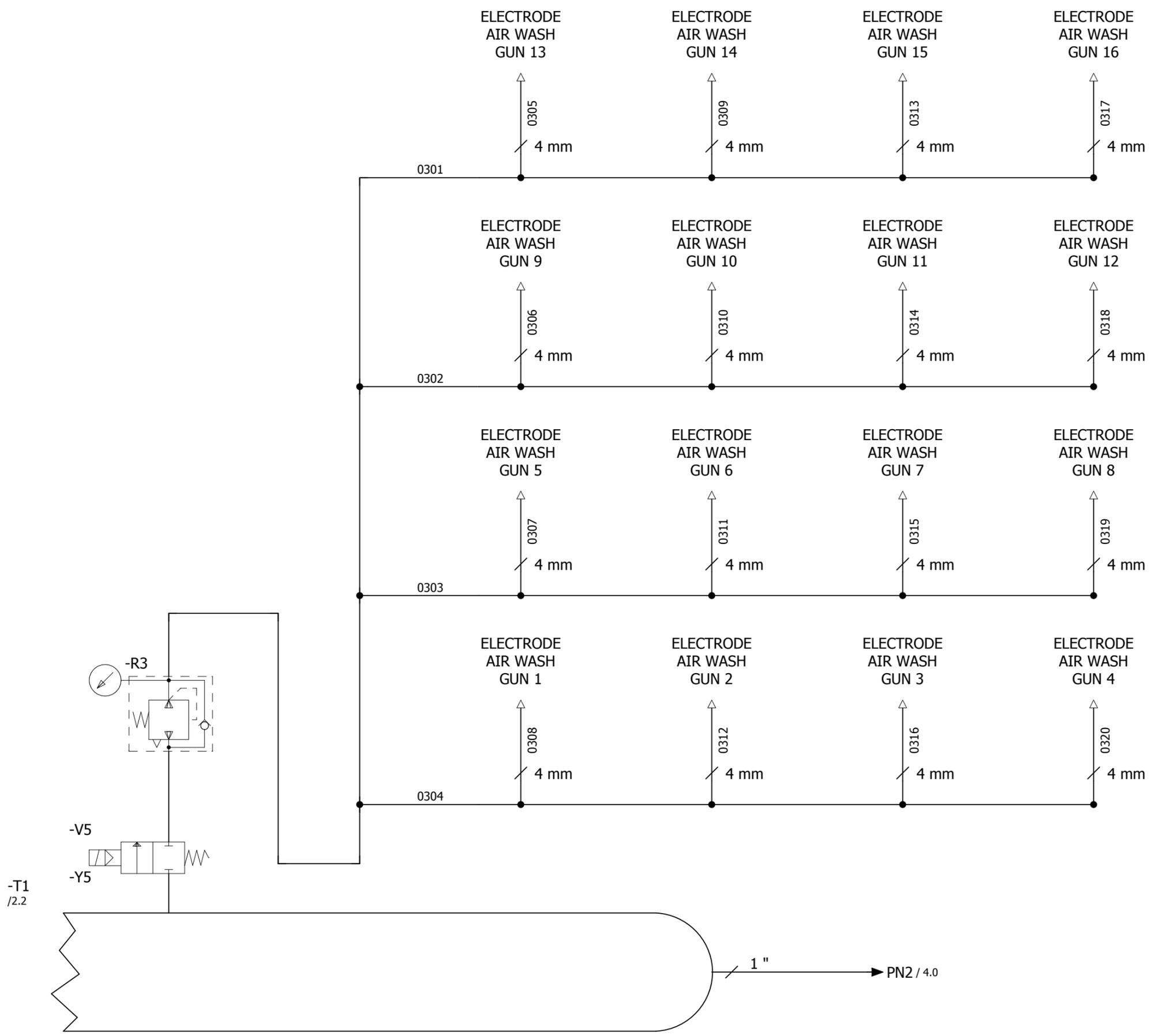


Nordson Deutschland GmbH
Heinrich-Hertz-Str. 42
40699 Erkrath
Tel.: (+49) 211- 9205-0
Fax.: (+49) 211- 254658
www.nordson.com

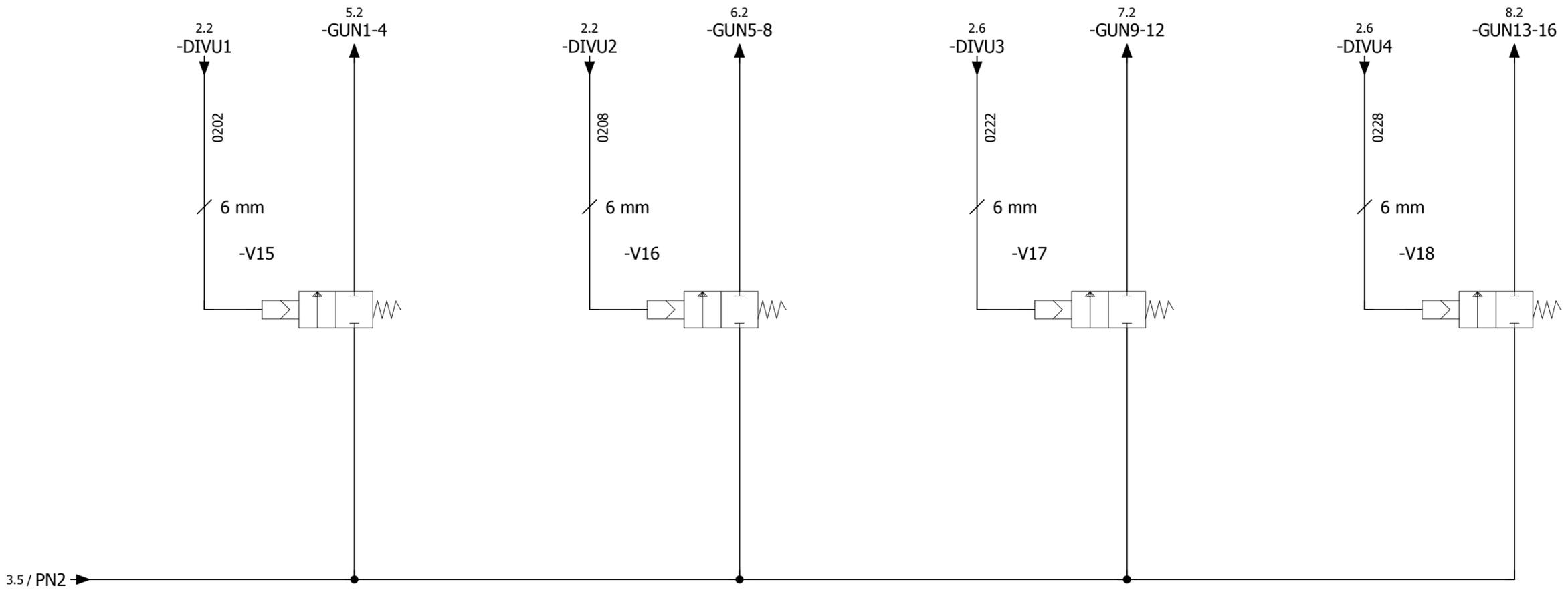
Description
PNEUMATIK CONNECTIONS

=	
+ PN	HDLV Pneumatic
	Page 1
	of 8 Pages
	02-258-554





Date		18.01.2018	This drawing is exclusive property of Nordson Deutschland Technical Office. It must not in any case be used to the prejudice of his interest.	 Nordson Deutschland GmbH Heinrich-Hertz-Str. 42 40699 Erkrath Tel.: (+49) 211- 9205-0 Fax.: (+49) 211- 254658 www.nordson.com	Description	=		HDLV Pneumatic	Page	3			
Editor		Zimmermann				PNEUMATIK CONNECTIONS				+ PN		of	8
Revision		07.02.2018											
						02-258-554							



Date	18.01.2018	This drawing is exclusive property of Nordson Deutschland Technical Office. It must not in any case be used to the prejudice of his interest.
Editor	Zimmermann	
Revision	07.02.2018	



Nordson Deutschland GmbH
 Heinrich-Hertz-Str. 42
 40699 Erkrath
 Tel.: (+49) 211- 9205-0
 Fax.: (+49) 211- 254658
 www.nordson.com

Description
PNEUMATIK CONNECTIONS

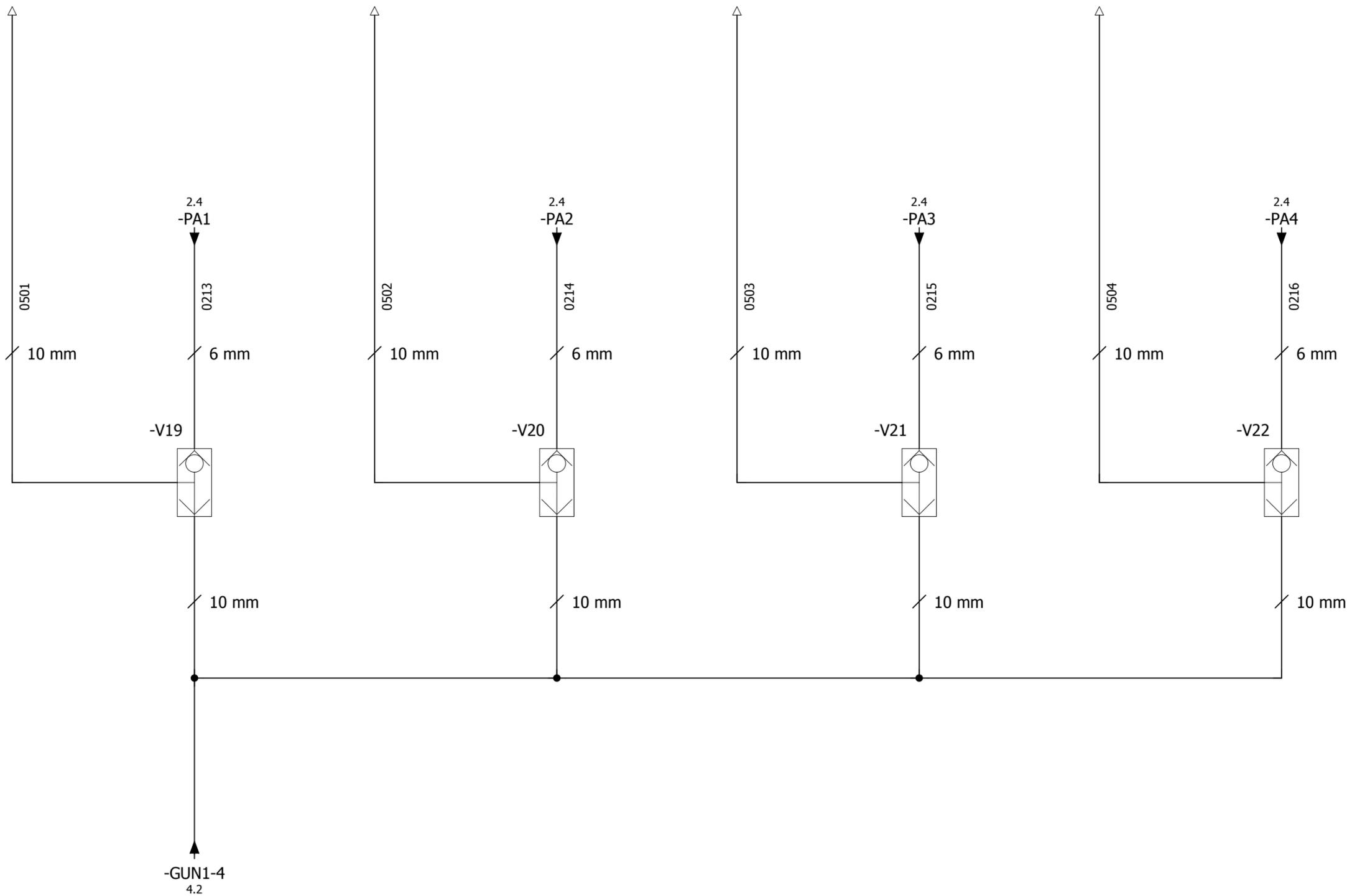
=	HDLV Pneumatic	
+ PN		
	Page	4
	of	8 Pages
	02-258-554	

GUN 1

GUN 2

GUN 3

GUN 4



Date	18.01.2018
Editor	Zimmermann
Revision	07.02.2018

This drawing is exclusive property of Nordson Deutschland Technical Office. It must not in any case be used to the prejudice of his interest.



Nordson Deutschland GmbH
 Heinrich-Hertz-Str. 42
 40699 Erkrath
 Tel.: (+49) 211- 9205-0
 Fax.: (+49) 211- 254658
 www.nordson.com

Description
 PNEUMATIK CONNECTIONS

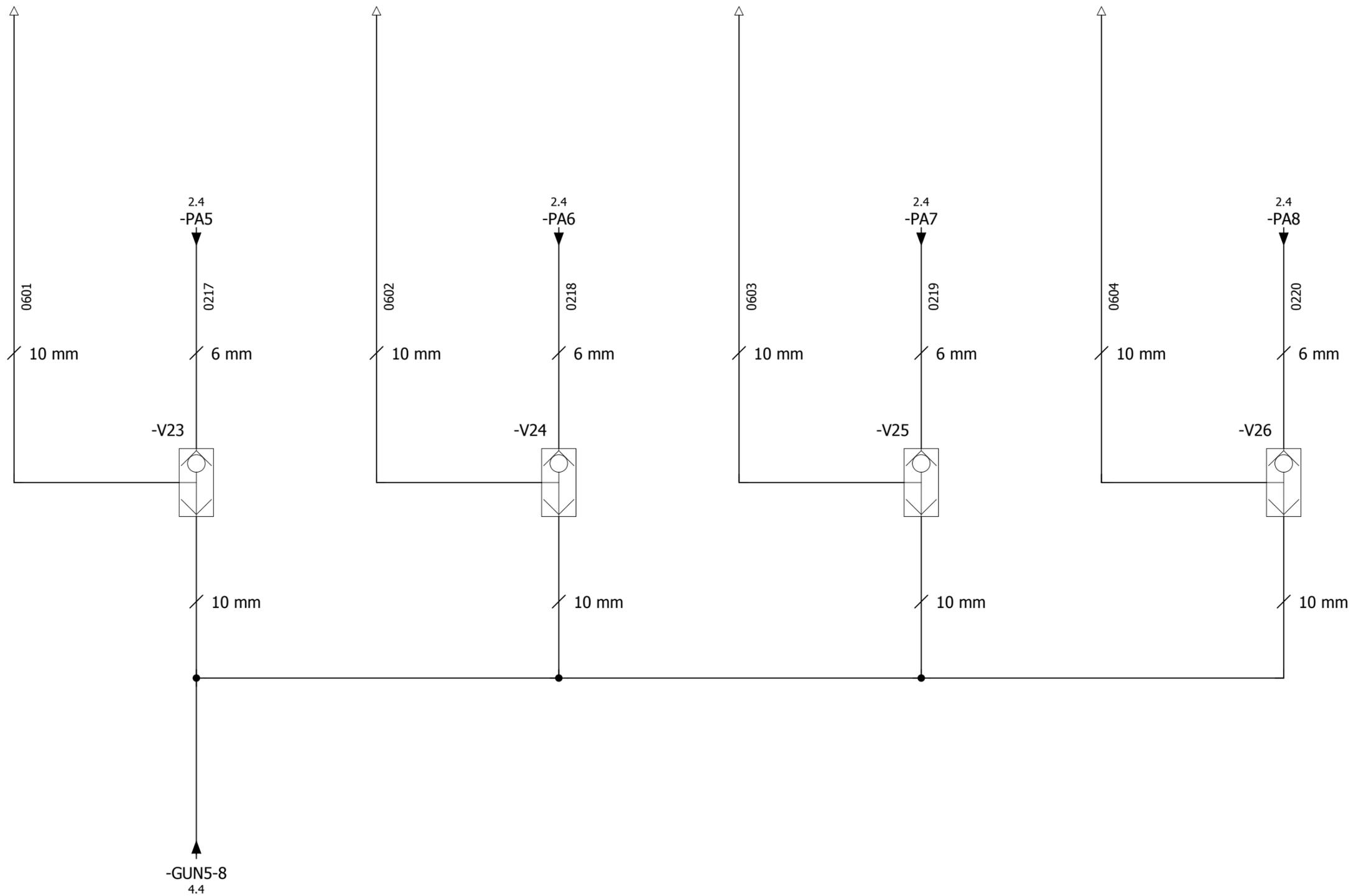
=	HDLV Pneumatic	
+ PN	HDLV Pneumatic	
	Page	5
	of	8 Pages
	02-258-554	

GUN 5

GUN 6

GUN 7

GUN 8



Date	18.01.2018
Editor	Zimmermann
Revision	07.02.2018

This drawing is exclusive property of Nordson Deutschland Technical Office. It must not in any case be used to the prejudice of his interest.



Nordson Deutschland GmbH
 Heinrich-Hertz-Str. 42
 40699 Erkrath
 Tel.: (+49) 211- 9205-0
 Fax.: (+49) 211- 254658
 www.nordson.com

Description
 PNEUMATIK CONNECTIONS

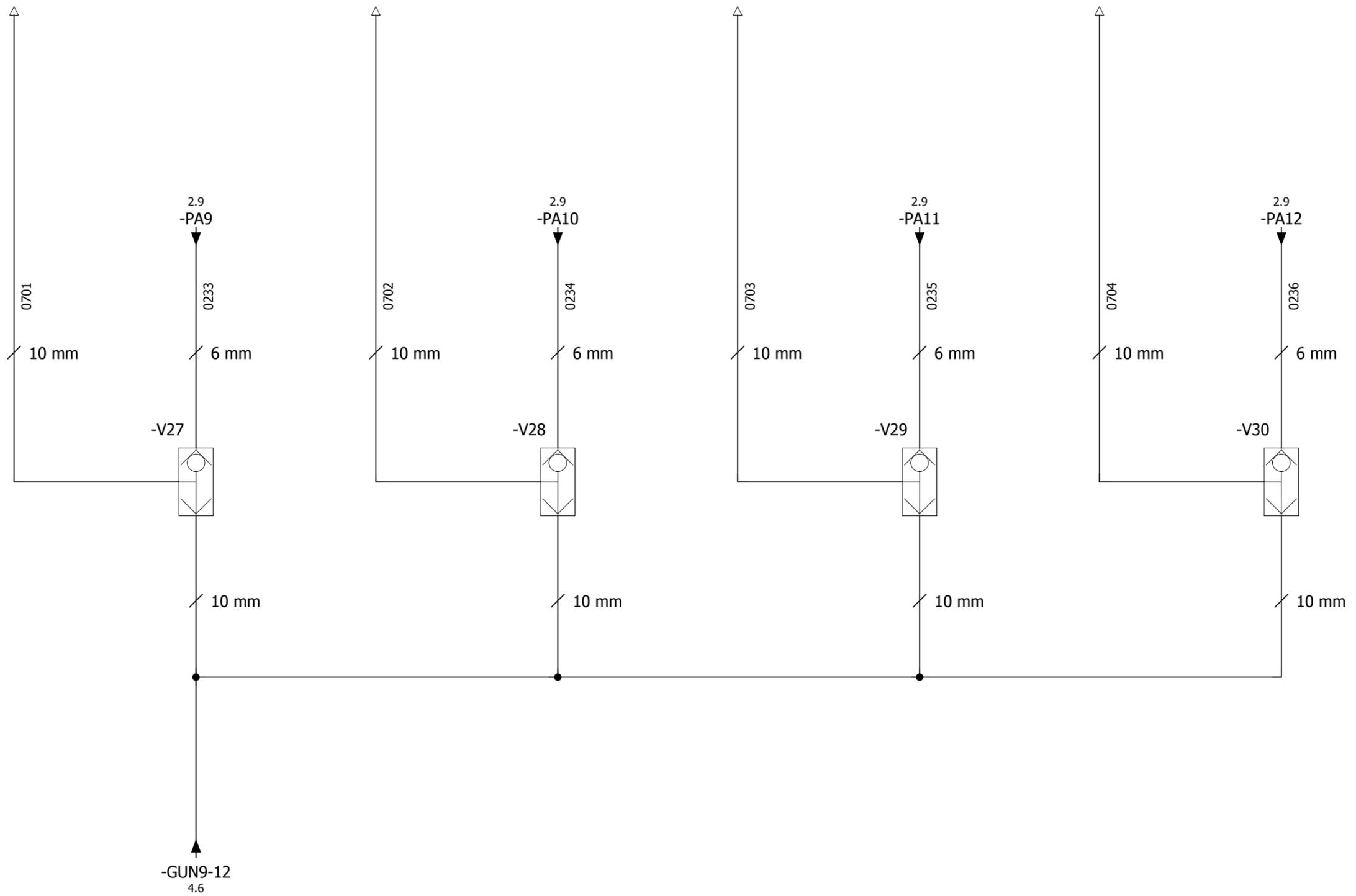
=	HDLV Pneumatic	Page	6
+ PN		of	8 Pages
	02-258-554		

GUN 9

GUN 10

GUN 11

GUN 12



Date	18.01.2018
Editor	Zimmermann
Revision	07.02.2018

This drawing is exclusive property of Nordson Deutschland Technical Office. It must not in any case be used to the prejudice of his interest.



Nordson Deutschland GmbH
 Heinrich-Hertz-Str. 42
 40699 Erkrath
 Tel.: (+49) 211- 9205-0
 Fax.: (+49) 211- 254658
 www.nordson.com

Description
 PNEUMATIK CONNECTIONS

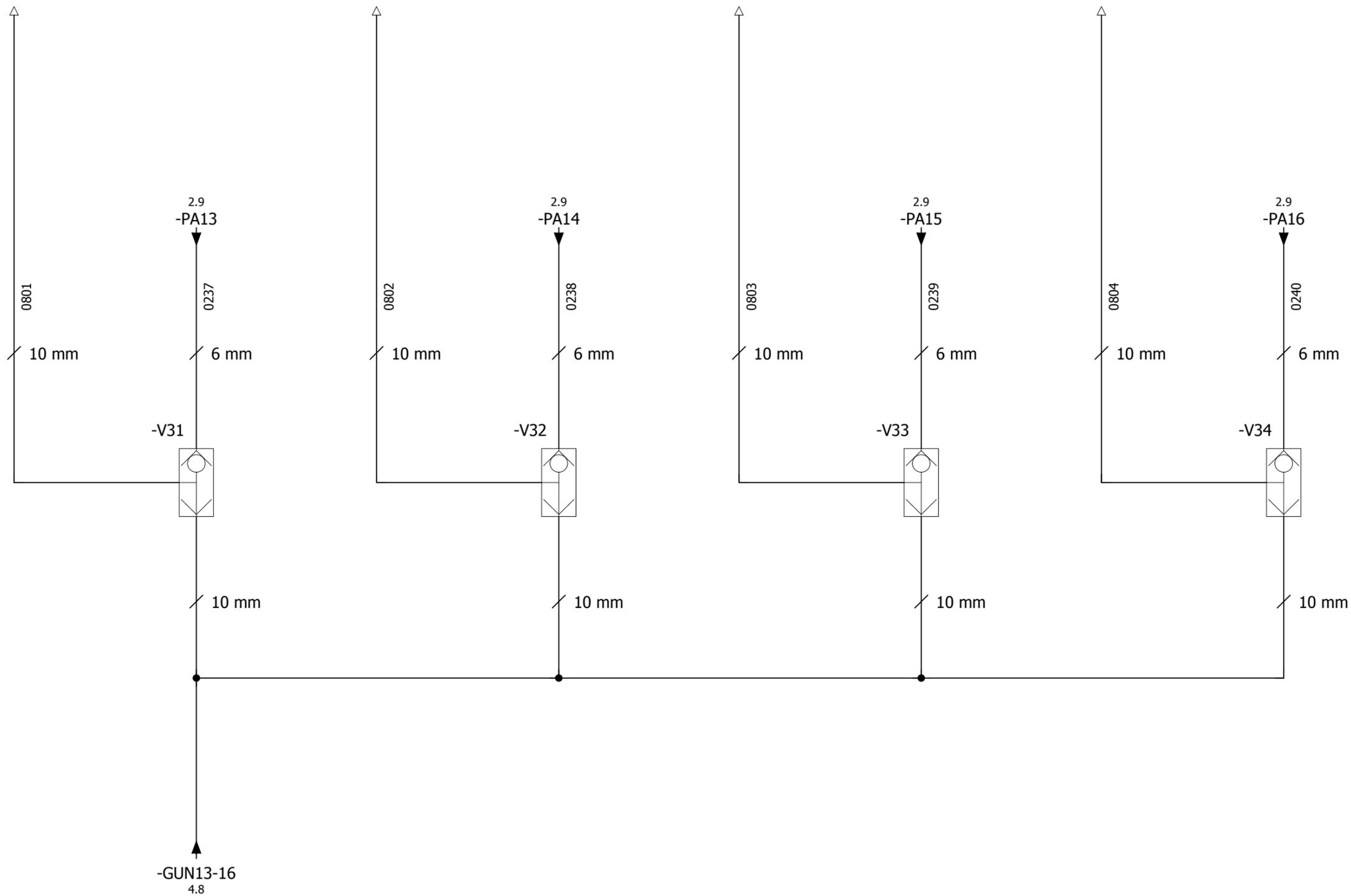
=	HDLV Pneumatic
+ PN	
	Page 7
	of 8 Pages
	02-258-554

GUN 13

GUN 14

GUN 15

GUN 16



Date	18.01.2018
Editor	Zimmermann
Revision	07.02.2018

This drawing is exclusive property of Nordson Deutschland Technical Office. It must not in any case be used to the prejudice of his interest.



Nordson Deutschland GmbH
 Heinrich-Hertz-Str. 42
 40699 Erkrath
 Tel.: (+49) 211- 9205-0
 Fax.: (+49) 211- 254658
 www.nordson.com

Description
 PNEUMATIK CONNECTIONS

=	HDLV Pneumatic	Page	8
+ PN		of	8 Pages
	02-258-554		

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

2

Date	07.02.2018	This drawing is exclusive property of Nordson Deutschland Technical Office. It must not in any case be used to the prejudice of his interest.		Nordson Deutschland GmbH Heinrich-Hertz-Str. 42 40699 Erkrath Tel.: (+49) 211- 9205-0 Fax.: (+49) 211- 254658 www.nordson.com	Description Parts list	=				
Editor	Zimmermann					+ PL	HDLV Pneumatic			
Revision	07.02.2018							Page	1	
						02-258-554	of	3	Pages	

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