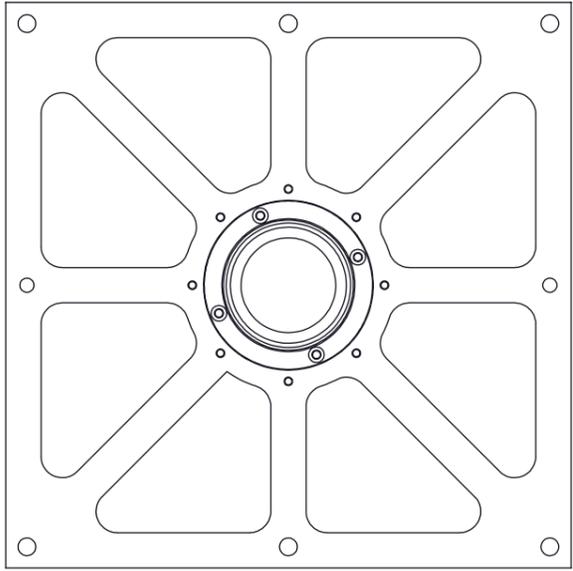


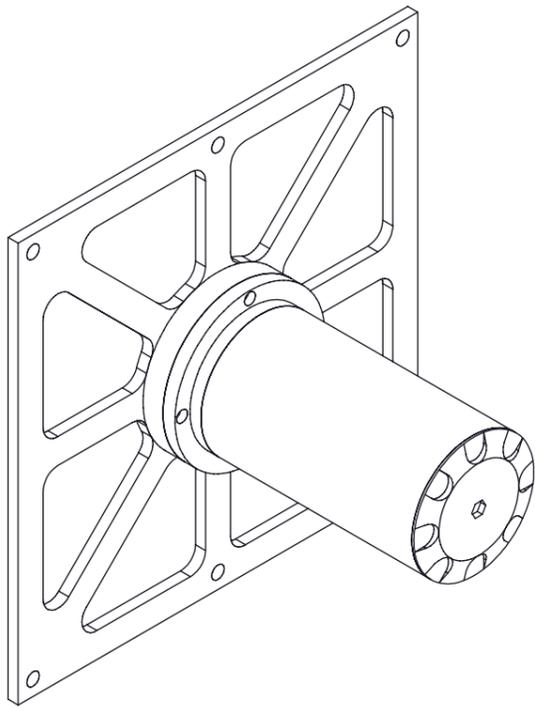
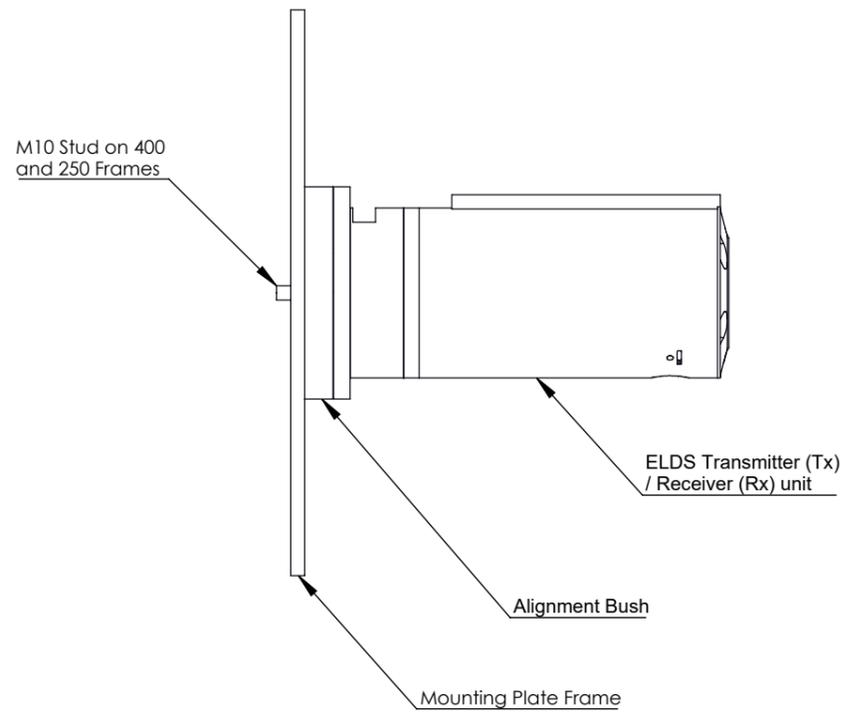
Revisions

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Redrawn with MSA Border

FRONT VIEW



SIDE VIEW



All Dimensions in mm unless stated

ITEM	WEIGHT (Kg)
Mounting Plate 400	5.65
Mounting Plate 250	2.75
Mounting Plate 180	1.65
Alignment Bush	0.125
Rx Unit	7.4
Tx Unit	8.2
Rx Complete with 400 Plate	11.45
Tx Complete with 400 Plate	12.24

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		<p>MSA STANDARD SHOP PRACTICES APPLY</p>			
<p>CODE SYMBOLS</p> <p>CRITICAL </p> <p>MAJOR A MINOR (NO MARK)</p> <p>MAJOR B </p> <p>100% INSPECTION </p>	<p>JOB NO.</p> <p>PDR</p> <p>DATE</p> <p>21/03/18</p> <p>CHECKED BY</p> <p>LPR</p> <p>21/03/18</p> <p>PROJECT ENGR.</p> <p>PDR</p> <p>21/03/18</p> <p>QUALITY ASSURANCE</p> <p>SPC</p> <p>21/03/18</p> <p>MANUFACTURING</p> <p>SM</p> <p>21/03/18</p>	<p>APPROVAL AGENCY CODE</p>	<p>NIOSH ATTR. DOC.</p>	<p>ELDS Cross Duct (XD) Installation Outline Drawings General Arrangement</p>	
<p>METRIC TOLERANCES UNLESS OTHERWISE SPECIFIED (PER ISO 2768-M)</p> <p>0.5 TO 6mm ±0.1</p> <p>>6 TO 30mm ±0.2</p> <p>>30 TO 120mm ±0.3</p> <p>>120 TO 400mm ±0.5</p> <p>>400 TO 1000mm ±0.8</p> <p>ANGULAR ± 1/2°</p> <p>SEE MSA STANDARD SHOP PRACTICES FOR DRILLED HOLE TOLERANCES</p>	<p>SHEET SIZE</p> <p>A3</p>	<p>CADD REF: N/A</p>	<p>Scale 1:5</p>	<p>01-01-2557-D</p>	<p>SHEET</p> <p>1 OF 6</p>

6

5

4

3

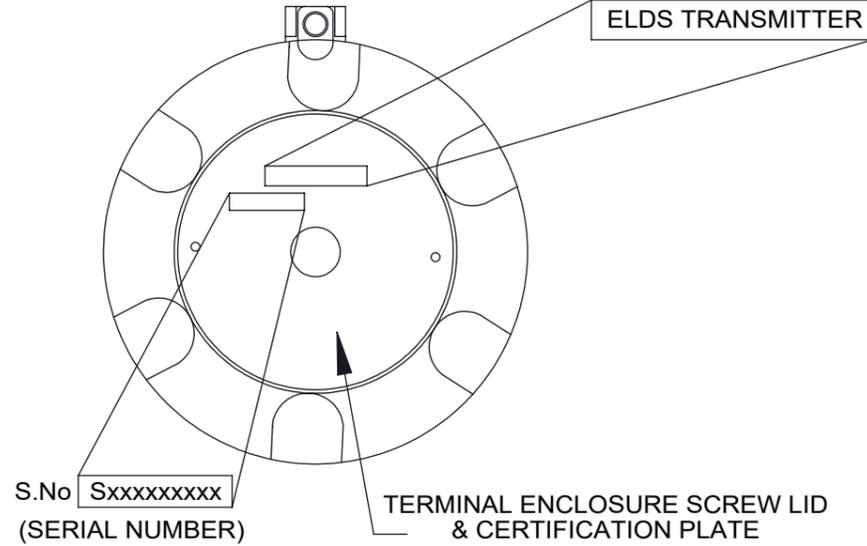
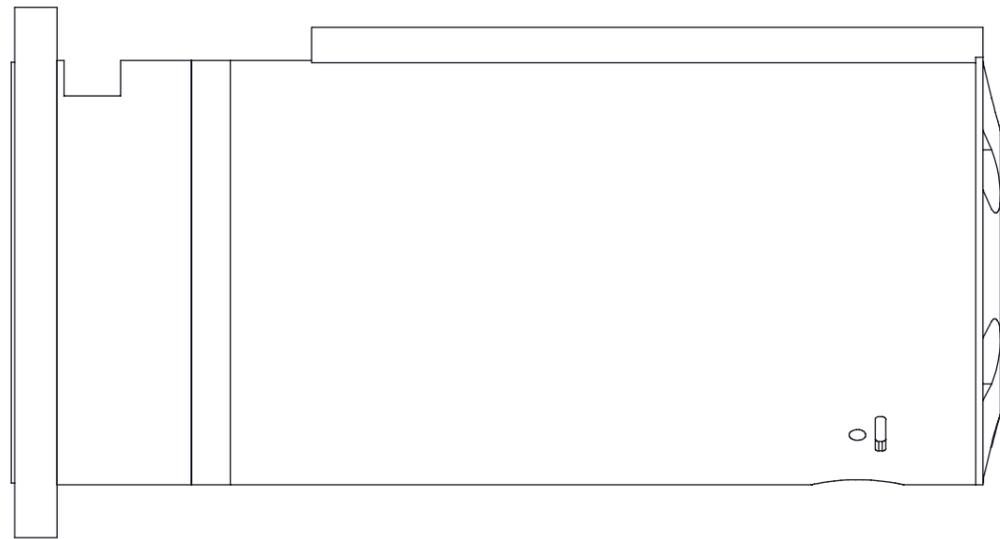
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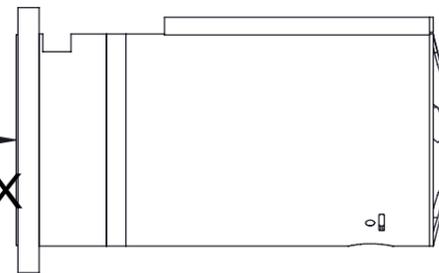
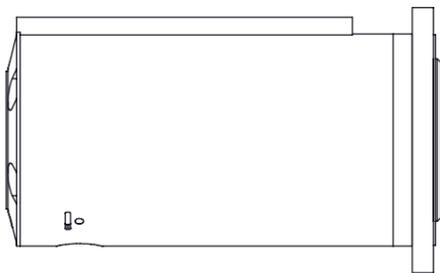
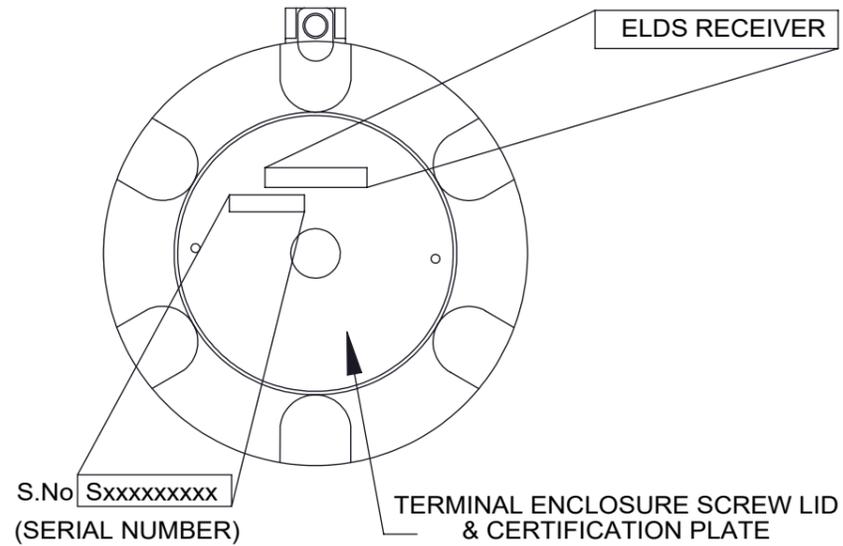
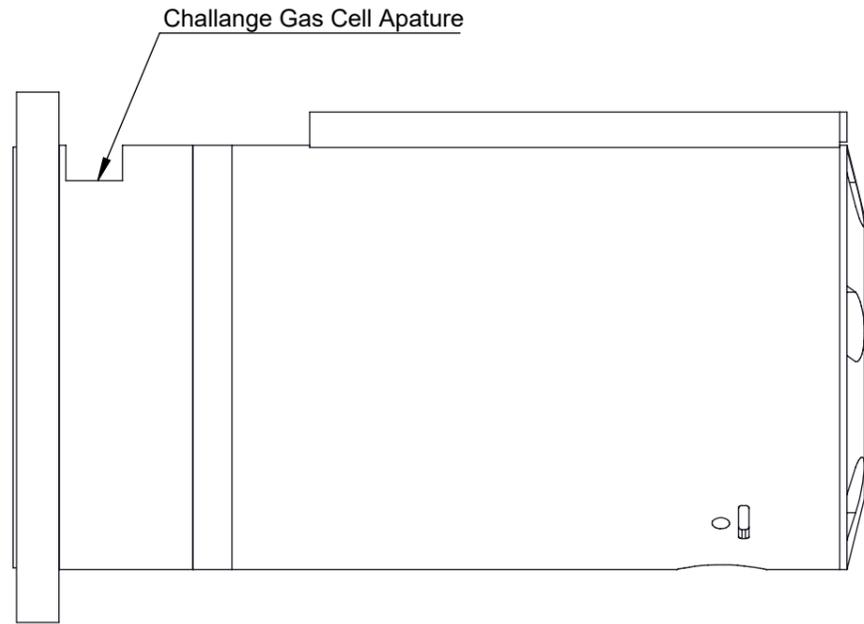
Revisions

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Redrawn with MSA Border

TX
(TRANSMITTER)



RX
(RECEIVER)



Path Length - 0.5 - 5.0 m MAX

TX
(TRANSMITTER)

RX
(RECEIVER)

All Dimensions in mm unless stated



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DO NOT SCALE DWG.

MSA STANDARD SHOP PRACTICES APPLY

CODE SYMBOLS

- CRITICAL \triangle
- MAJOR A \triangle MINOR (NO MARK)
- MAJOR B \triangle
- 100% INSPECTION \triangle

METRIC TOLERANCES UNLESS OTHERWISE SPECIFIED (PER ISO 2768-M)

0.5 TO >6	6mm ±0.1
>6 TO >120	30mm ±0.2
>120 TO >400	120mm ±0.3
>400 TO	400mm ±0.5
ANGULAR	± 1/2°

SEE MSA STANDARD SHOP PRACTICES FOR DRILLED HOLE TOLERANCES

JOB NO.	DATE
DRAWN BY PDR	21/03/18
CHECKED BY LPR	21/03/18
PROJECT ENGR PDR	21/03/18
QUALITY ASSURANCE SPC	21/03/18
MANUFACTURING SM	21/03/18
SHEET SIZE A3	

APPROVAL AGENCY CODE

NIOSH ATTR. DOC.

ELDS Cross Duct (XD)
Installation Outline Drawings
Unit Identification

CADD REF: N/A

Scale 1:5

01-01-2557-D

SHEET 2 OF 6

6

5

4

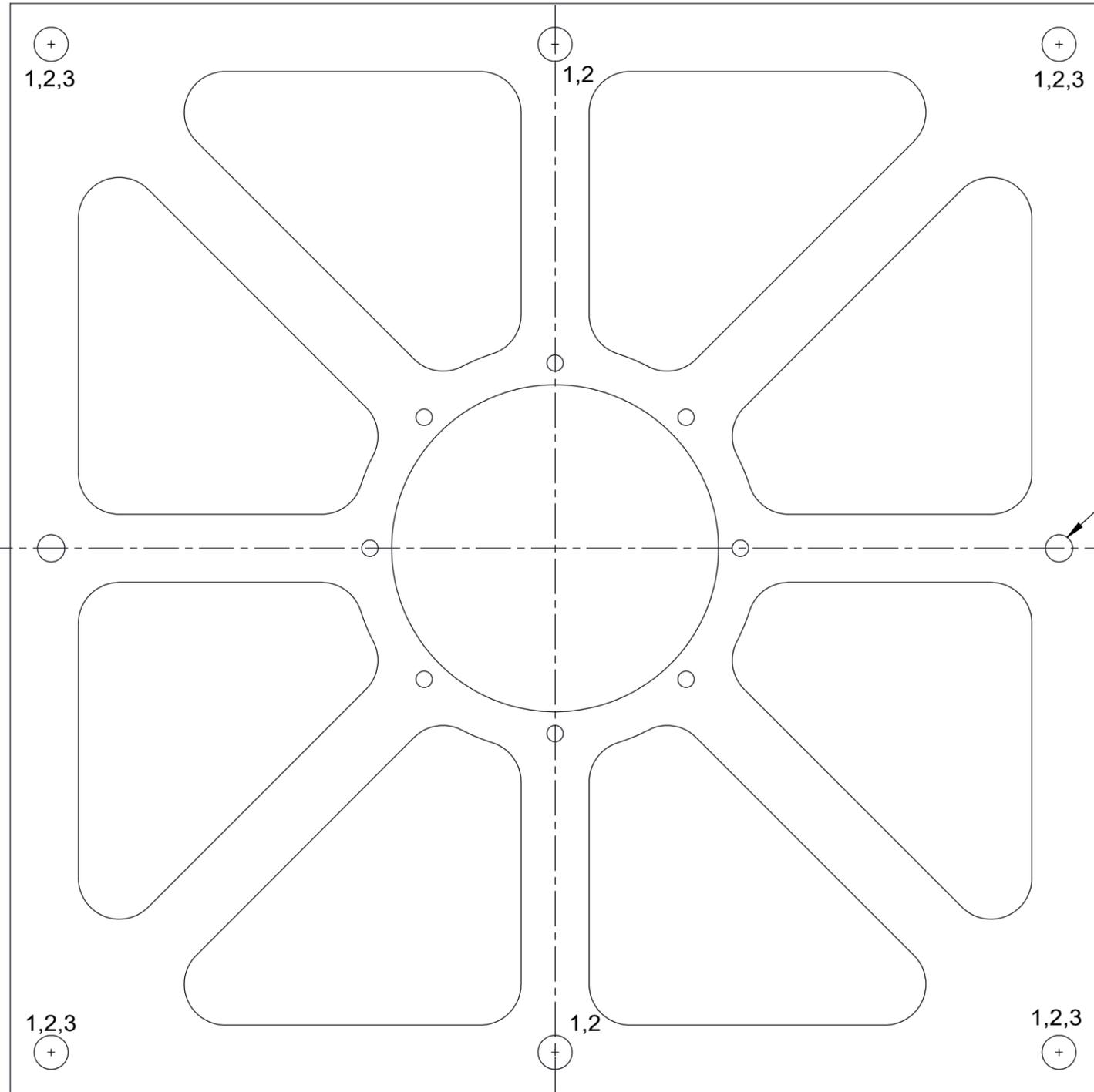
3

2

1

Revisions

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Redrawn with MSA Border



M10 Mounting Studs
(not 180 - Retro Fit)

All Dimensions in mm unless stated

Mounting Plate Specifications - SS 316

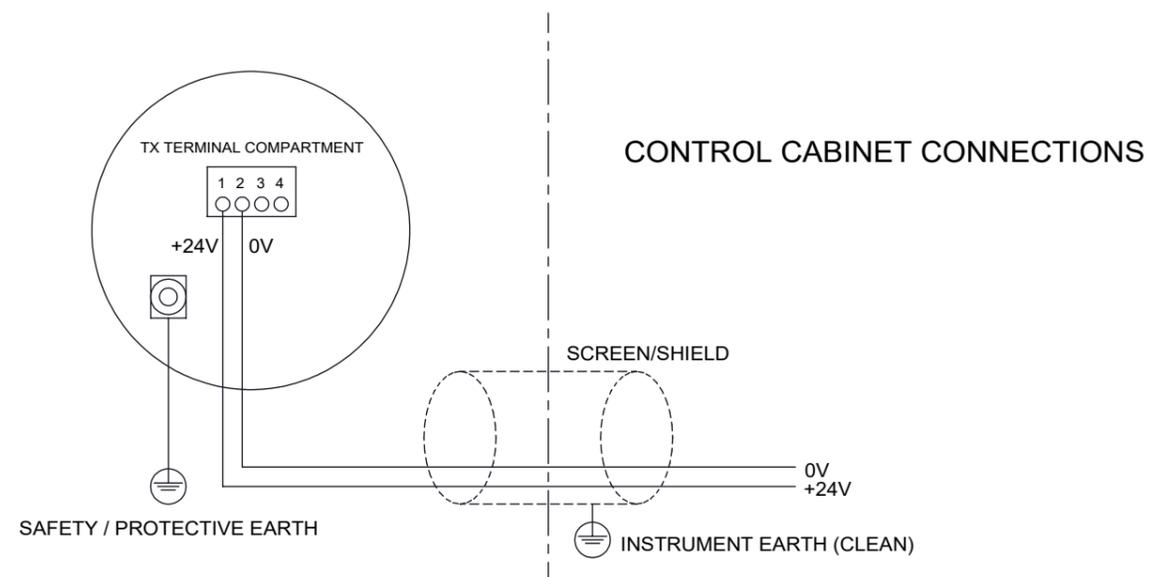
Type	Sales Code	Width (A)	Height (B)	Hole Cntr (C)	Hole Dia (D)	Plate Thickness	Weight Kg / Ea	Stud Length
1. Standard	A-5041-0	400	400	370	12.5	10	5.65	10
2. Micro	A-5042-0	250	250	230	10.5	10	2.75	20
3. Retro	A-5043-0	180	180	162	9.0	10	1.65	n/a

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	MSA STANDARD SHOP PRACTICES APPLY		APPROVAL AGENCY CODE	
CODE SYMBOLS CRITICAL MAJOR A MINOR (NO MARK) MAJOR B 100% INSPECTION		JOB NO. PDR	DATE 21/03/18	<p>ELDS Cross Duct (XD) Installation Outline Drawings Mounting Plate Details</p>
METRIC TOLERANCES UNLESS OTHERWISE SPECIFIED (PER ISO 2768-M) 0.5 TO 6mm ±0.1 >6 TO 30mm ±0.2 >30 TO 120mm ±0.3 >120 TO 400mm ±0.5 >400 TO 1000mm ±0.8 ANGULAR ± 1/2° SEE MSA STANDARD SHOP PRACTICES FOR DRILLED HOLE TOLERANCES		CHECKED BY LPR	DATE 21/03/18	
		PROJECT ENGR PDR	DATE 21/03/18	
		QUALITY ASSURANCE SPC	DATE 21/03/18	
		MANUFACTURING SM	DATE 21/03/18	CADD REF: N/A
		SHEET SIZE A3	Scale 1:5	
		01-01-2557-D		SHEET 3 OF 6

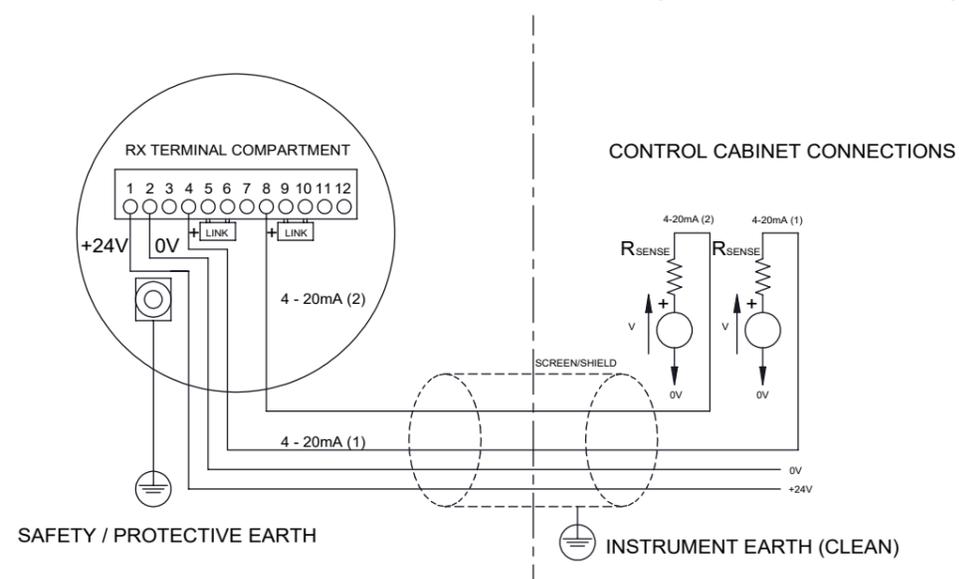
Revisions

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Redrawn with MSA Border

ELDS Transmitter Connections



ELDS Receiver Connections (Current Sink)



All Dimensions in mm unless stated

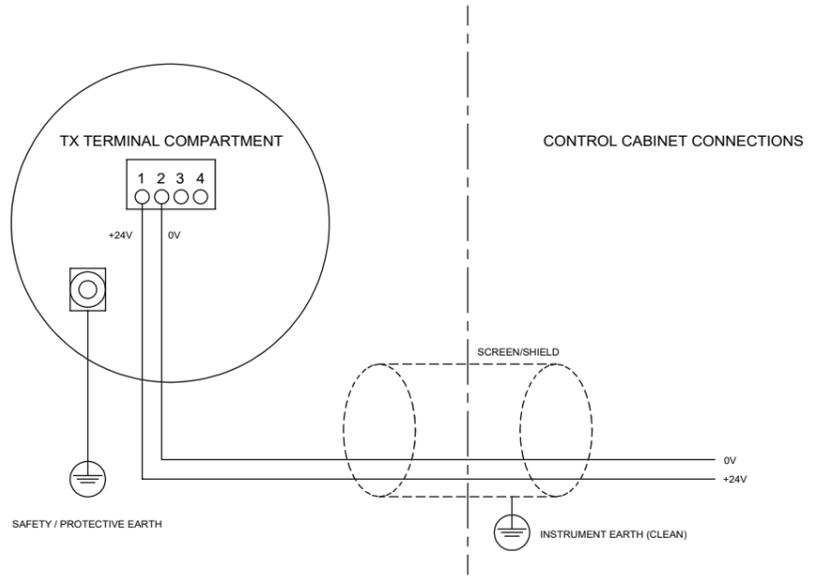
LIFE CYCLE STATE	REVISION
	2

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		<p>MSA STANDARD SHOP PRACTICES APPLY</p>			
<p>CODE SYMBOLS</p> <p>CRITICAL </p> <p>MAJOR A MINOR (NO MARK)</p> <p>MAJOR B </p> <p>100% INSPECTION </p>	<p>JOB NO.</p> <p>DRAWN BY PDR</p> <p>CHECKED BY LPR</p> <p>PROJECT ENGR PDR</p> <p>QUALITY ASSURANCE SPC</p> <p>MANUFACTURING SM</p> <p>SHEET SIZE A3</p>	<p>DATE</p> <p>21/03/18</p> <p>21/03/18</p> <p>21/03/18</p> <p>21/03/18</p> <p>21/03/18</p>	<p>CADD REF: N/A</p>	<p>SCALE n/a</p>	<p>SHEET 4 OF 6</p>
<p>METRIC TOLERANCES UNLESS OTHERWISE SPECIFIED (PER ISO 2768-M)</p> <p>0.5 TO 6mm ±0.1</p> <p>>6 TO 30mm ±0.2</p> <p>>130 TO 120mm ±0.3</p> <p>>120 TO 400mm ±0.5</p> <p>>400 TO 1000mm ±0.8</p> <p>ANGULAR ± 1/2°</p> <p>SEE MSA STANDARD SHOP PRACTICES FOR DRILLED HOLE TOLERANCES</p>	<p>ELDS Cross Duct (XD) Installation Outline Drawings Wiring - Current Sink</p>		<p>01-01-2557-D</p>		

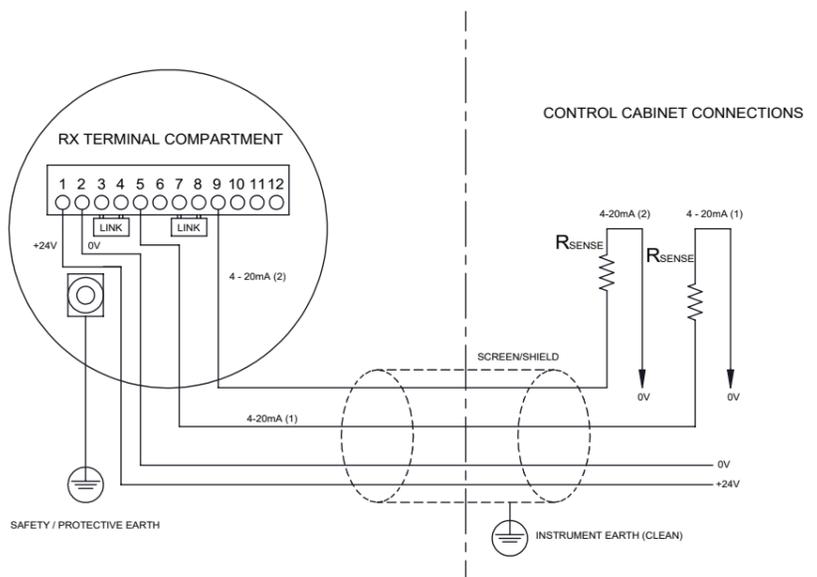
Revisions

Rev 2 - 23/3/2018 DR226
Redrawn with MSA Border

ELDS Transmitter Connections



ELDS Receiver Connections (Current Source)



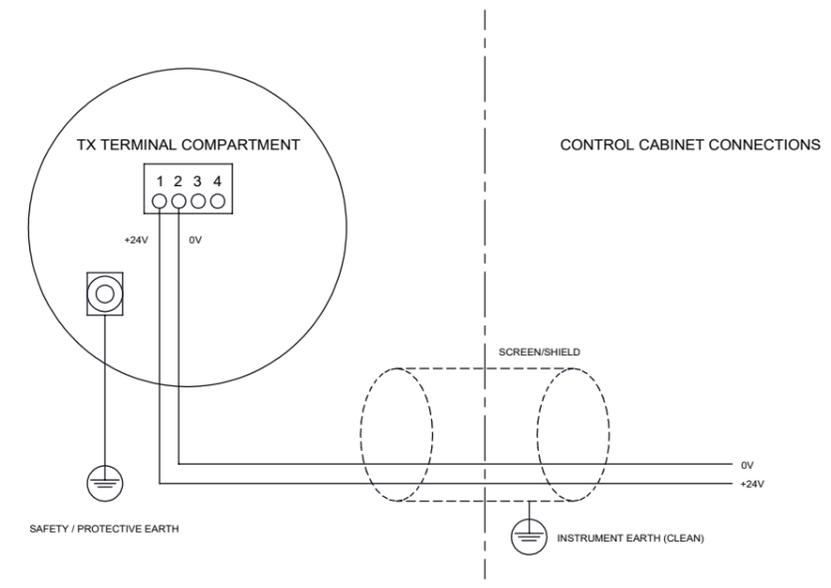
All Dimensions in mm unless stated

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MSA STANDARD SHOP PRACTICES APPLY		JOB NO.		APPROVAL AGENCY CODE		NIOSH ATTR. DOC.:		REVISION 2	
CODE SYMBOLS CRITICAL MAJOR A MINOR (NO MARK) MAJOR B 100% INSPECTION		DRAWN BY PDR		DATE 21/03/18		CHECKED BY LPR		PROJECT ENGR. 21/03/18	
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SHEET SIZE A3		CADD REF: N/A		SCALE n/a		SHEET 5 OF 6		TITLE ELDS Cross Duct (XD) Installation Outline Drawings Wiring - Current Source	
SHEET SIZE A3		01-01-2557-D		SCALE n/a		SHEET 5 OF 6		TITLE ELDS Cross Duct (XD) Installation Outline Drawings Wiring - Current Source	

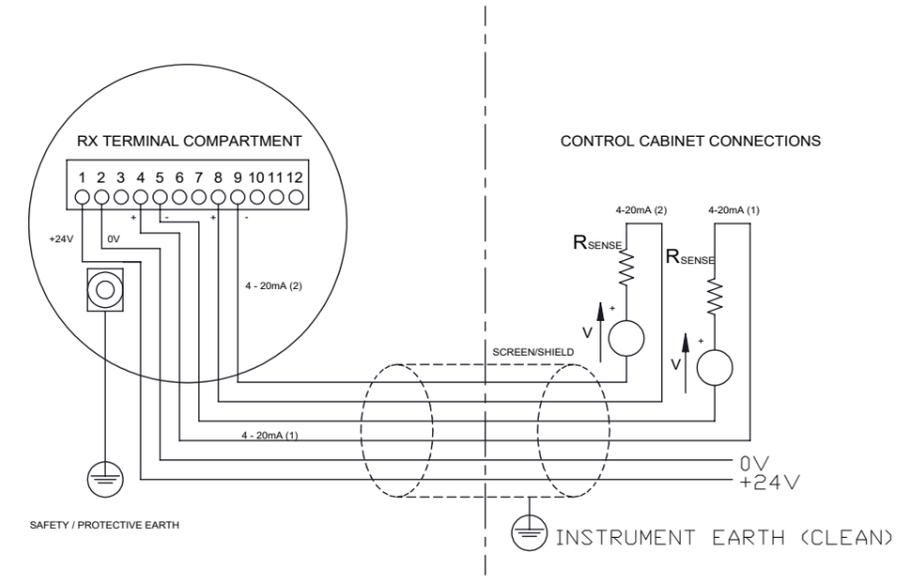
Revisions

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Redrawn with MSA Border

ELDS Transmitter Connections



ELDS Receiver Connections (Isolated Output)



All Dimensions in mm unless stated

LIFE CYCLE STATE	REVISION
	2

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		<p>MSA STANDARD SHOP PRACTICES APPLY</p>			
<p>CODE SYMBOLS</p> <p>CRITICAL </p> <p>MAJOR A MINOR (NO MARK)</p> <p>MAJOR B </p> <p>100% INSPECTION </p>		<p>JOB NO.</p> <p>PDR</p> <p>CHECKED BY</p> <p>LPR</p> <p>PROJECT ENGR.</p> <p>PDR</p> <p>DATE</p> <p>21/03/18</p>	<p>DATE</p> <p>21/03/18</p>	<p>APPROVAL AGENCY CODE</p> <p>NIOSH ATTR. DOC.</p>	
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		<p>ELDS Cross Duct (XD) Installation Outline Drawings Wiring - Isolated Output</p>		<p>SHEET 6 OF 6</p>	
		<p>01-01-2557-D</p>		<p>01-01-2557-D</p>	