

4

3

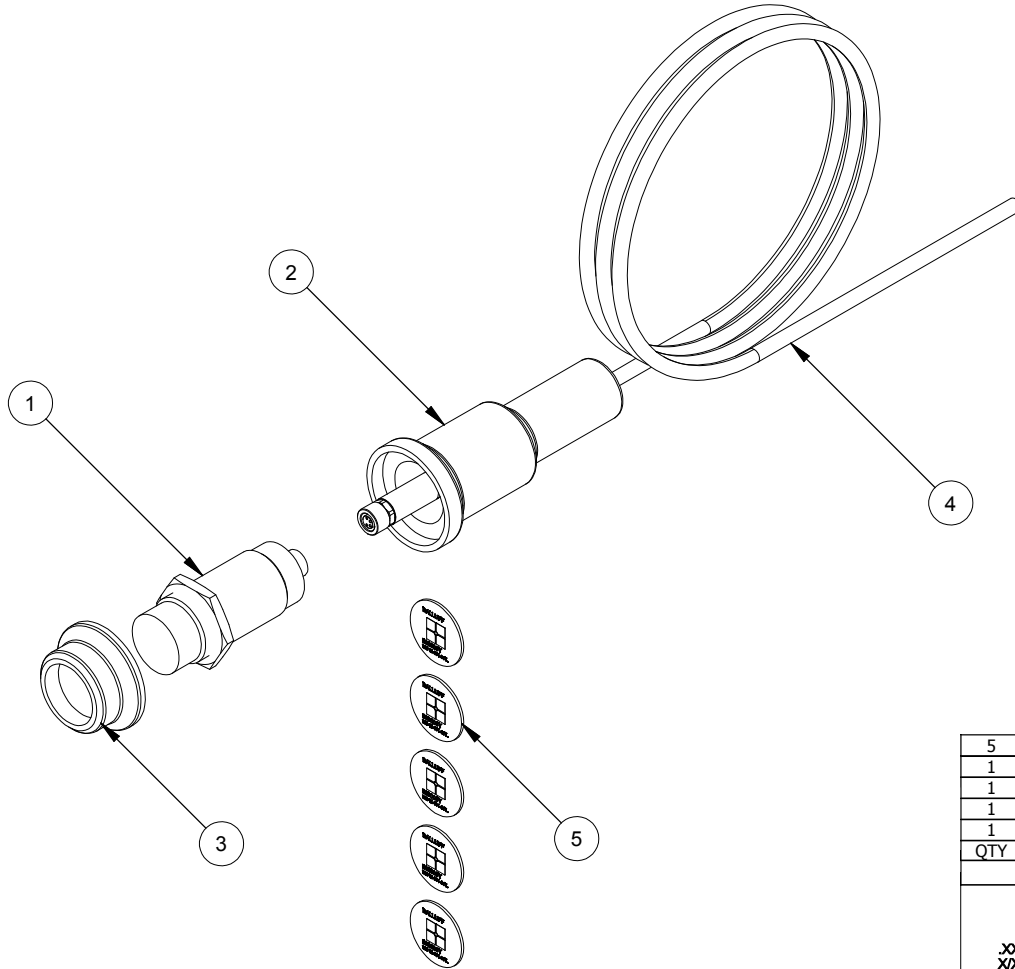
2

1

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
1	ADDED ELECTRICAL CONNECTIONS	3/13/2015	

B

B



A

A

A

A

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2

1

QTY	ITEM	PART NUMBER	DESCRIPTION	SPECIFICATION
5	5	INV3-CB-RF-TAG	RFID TAG 13.56MHz	BALLUFF, BIS003Y OR BIS M-101-01\L
1	4	E-SEN-03-CBL-50	RFID CABLE, 50FT	BALLUFF, BKS-S115-PU-15
1	3	E-SEN-103-H2	FRONT CAP	1.90" X .8125" DELRIN ROUND BAR
1	2	E-SEN-103-H1	REAR HOUSING	1.90" X 4.437" DELRIN ROUND BAR
1	1	E-SEN-103	RFID SENSOR	BALLUFF, BIS M-400-007-001-00-S115

Parts List			
TOLERANCES		DRAWN	BJS
UNLESS OTHERWISE SPECIFIED		DATE	5/28/2014
ALL DIMENSIONS ARE IN INCHES		APPROVED	
.XX=±.01 XXX=±.003 TIR=±.005		DATE	
X/X=± 1/32 Angular: XX=± 1/2		CHECKED	
DO NOT SCALE DRAWING - WORK TO DIMENSIONS		DATE	
		ISSUED	
		SHEET	1 OF 2
NEXT	FINAL	NEXT ASSY	FINAL ASSY
QTY REQD	APPLICATION		SCALE
PER ASSY			

MAGNUM VENUS PLASTECH
a subsidiary of Graves Spray Supply, Inc.
1862 Ives Avenue, Kent, Washington 98032

13.56MHz READ/WRITE HEAD ASSEMBLY

TITLE

PROJECT

SIZE **B** DWG NO **INV3-CB-RF-50** REV **1**

4

3

2

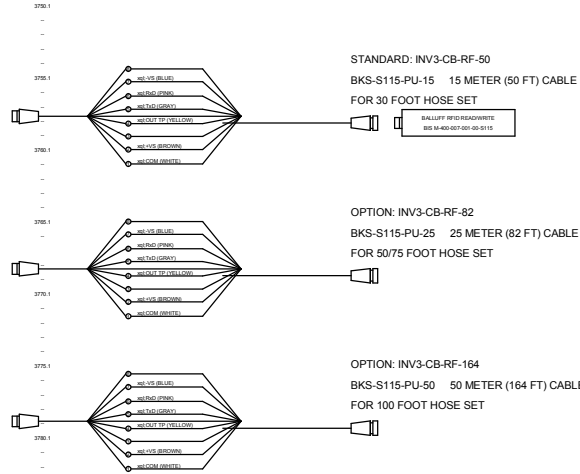
1



PHOENIX CONTACT 1513334
M12 FIELD CONNECTOR
(LOOKING FROM SCREW TERMINAL SIDE)

BALLUFF RFID READ/WRITE HEAD		
1	BRN	24VDC (31)
2	WHT	COM
3	BLU	24VDC COM (30)
4	PNK	TXD ON PLC
5	GRY	RXD ON PLC
6	YEL	TAG PRESENT (IN15)
7	GRN	NOT USED
8	RED	NOT USED

NOTE: PINS 4 AND 5 ARE SWAPPED
TO MAKE NULL CONNECTION ON FIELD SIDE.



STANDARD: INV3-CB-RF-50
BKS-S115-PU-15 15 METER (50 FT) CABLE
FOR 30 FOOT HOSE SET

OPTION: INV3-CB-RF-82
BKS-S115-PU-25 25 METER (82 FT) CABLE
FOR 50/75 FOOT HOSE SET

OPTION: INV3-CB-RF-164
BKS-S115-PU-50 50 METER (164 FT) CABLE
FOR 100 FOOT HOSE SET

REV	DATE	DESCRIPTION
1	5/28/2014	ISSUED FOR MANUFACTURE

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TOLERANCES

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE IN INCHES
XX=±.01 XXX=±.003 TIR=±.005
X/X=± 1/32 Angular: XX=± 1/2
DO NOT SCALE DRAWING - WORK TO DIMENSIONS

DRAWN	BJS
DATE	5/28/2014
APPROVED	
DATE	
CHECKED	
DATE	
ISSUED	
SHEET	2 OF 2
SCALE	

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13.56MHz READ/WRITE HEAD ASSEMBLY

TITLE

PROJECT

SIZE	B	DWG NO	INV3-CB-RF-50	REV	1
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