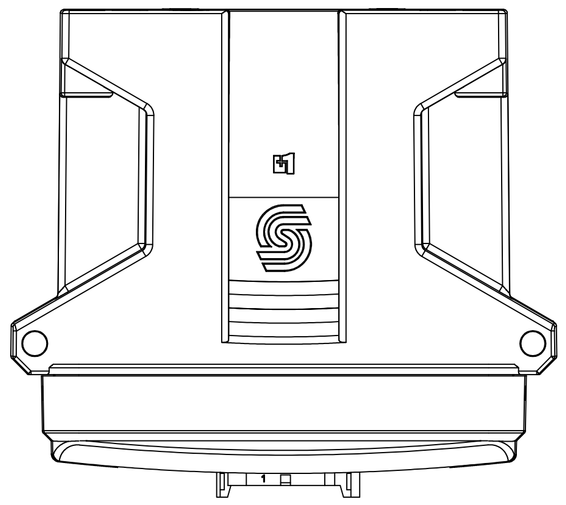
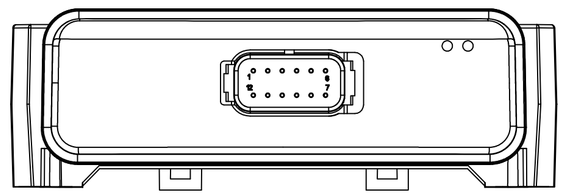
NODE 5
MC012-010





C51
1-BLK (GROUND) C28-P7
2-RED-WHT (12VDC) C28-P10
3-BLU-RED (CAN +)
4-BLU-WHT (CAN -)
5-NC
6-YEL (5 VDC) C27-P1
7-BLU (5VDC GRND) C27-P3
8-WHT (CAM PPU) C27-P2
9-GRN (CAM CLS SIG) C27-P4
10-NC
11-WHT-BLU (CAM OPEN) C28-P9
12-WHT-ORG (CAM CLS) C28-P8

P1 P2 P3 P4 P5 P6 P7 P8 P9 P10 P11 P12

C51

12 MM CONNECTORS
ON NORGREN VALVES

TOP CONNECTOR
1 N/C NOTE: M12 CABLE (BRN)
2 12VDC (RED-BLU) NOTE: M12 CABLE (WHT)
3 GROUND (BLK) TERM-2 NOTE: M12 CABLE (BLU)
4 CAN (+) (BLU-RED) C28-P3 NOTE: M12 CABLE (BLK)
5 CAN (-) (BLU-WHT) C28-P4 NOTE: M12 CABLE (GRY)

NOTE: PLUG PIN-5

BOTTOM CONNECTOR
1 N/C NOTE: M12 CABLE (BRN)
2 12VDC (RED-BLU) NOTE: M12 CABLE (WHT)
3 GROUND (BLK) TERM-2 NOTE: M12 CABLE (BLU)
4 GROUND (BLK) TERM-2 NOTE: M12 CABLE (BLK)

SOLDER & HEAT SHRINK

C26-3PIN
N/C — (C26-P3)
(AUGER SW) (WHT-BLU) — (C26-P2)
(SNSR 12V) (RED-WHT) — (C26-P1)

TO AUGER SW

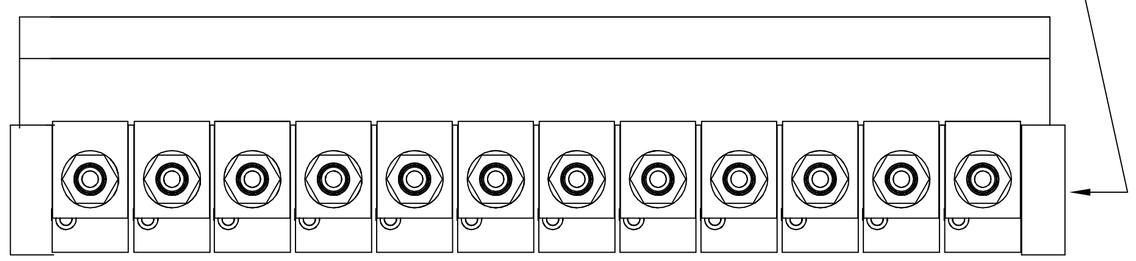
C27-4PIN
C51-P9 (CAM CLS SIG) GRN — (C27-P4)
C51-P7 (SNSR GRND) BLK — (C27-P3)
C51-P8 (CAM PPU) WHT — (C27-P2)
C51-P6 (5VDC SNSR PWR) YEL — (C27-P1)

TO CAM SNSR

C28-12 PIN SOCKET
N/C — (C28-P12)
N/C — (C28-P11)
C51-P2 (NODE 5) 12VDC + RED-WHT — (C28-P10)
C51-P11 (CAM OPEN) WHT-BLU — (C28-P9)
C51-P12 (CAM CLOSE) WHT-ORG — (C28-P8)
C51-P1 (NODE 5) GROUND BLK — (C28-P7)
PADDLE SW 12VDC+ — (C28-P6)
PADDLE SW GRND — (C28-P5)
(CAN -) (BLU-WHT) 12MM CONN — (C28-P4)
(CAN +) (BLU-RED) 12MM CONN — (C28-P3)
12VDC+ (RED/BLU) TO 12MM CONN — (C28-P2)
GND (BLK) TO 12MM CONN — (C28-P1)

TO C13 SLAVE BOX

NORGREN AIR SOL. VALVES



GATE #10 GATE #9 GATE #8 GATE #7 GATE #6 GATE #5 GATE #4 GATE #3 GATE #2 GATE #1 SPARE GATES SPARE GATES

OPTION EXTENSION GATES

REVISION NOTES:
8-25-2011 UPDATED WITH NORGREN AIR VALVES UPDATED WIRING RTC/FHK
7-3-2012 ADDED NODE 6/CAM UPDATE

QTY	NEXT ASS'Y	MADE BY BEARCAT
?---?????????		APPROVED
		MATERIAL
	FINAL ASS'Y	
?---?????????		DRAWING NO.
		FINISH

BEARCAT™ MFG.
3650 SABIN BROWN RD.
WICKENBURG, AZ 85390
(928) 684-7851

TITLE
SCHE ELC WIRE PLUS1 VLV BOX LH TDM 2012-

PART NO. 207294

STANDARD TOLERANCE	.X ±.02	.XX ±.010	.XXX ±.003	XXXX ±0005	ANG. ±1.0°	X/X ±1/32

AUTHOR FHK | DATE 8-25-11
SCALE NONE | SHEET 1 OF 1