

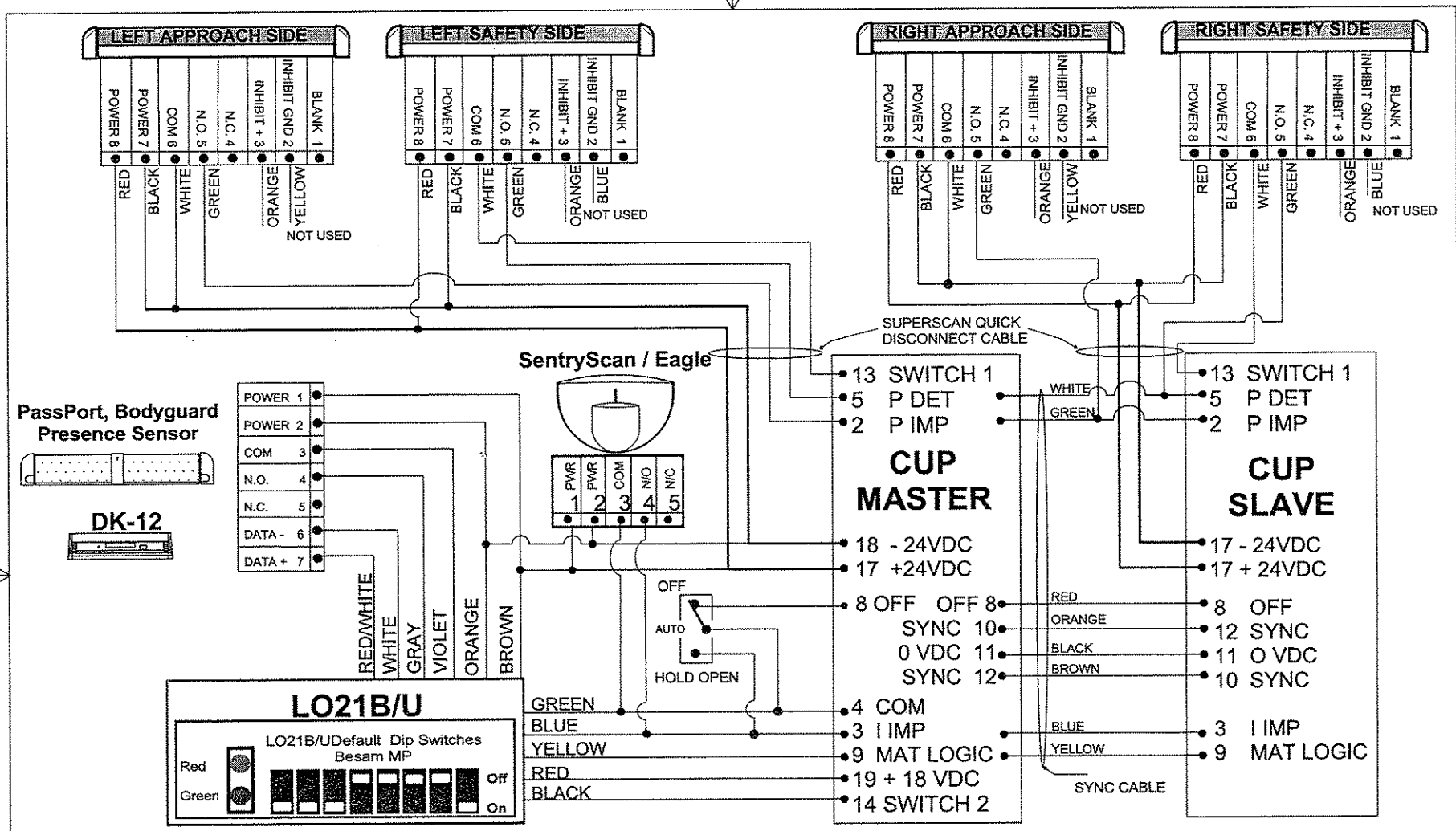
NOTES:

1.) SET PMD F20 = b, F19 = b, F18=00, F17=00, F16=05, F14=a, F13=a, F12 = 3 degrees LESS THAN F10, F11 = 65 degrees

BEA B.E.A., Inc.
 We open up New Horizons
 100 Enterprise Drive Pittsburgh, PA 15275
 PH: (412) 249-4100 FAX: (412) 249-4101
 HALMA GROUP COMPANY www.beasensors.com

TITLE: BESAM MP SINGLE WITH PASSPORT PLUS / PARALLAX, Q-DISCONNECT ON SAFETY SIDE

SIZE: A	CAGE CODE:	DWG NO: 80.0044	FILE OF: GDM	DRAWN BY: GDM	REV: D
SCALE: NONE	DATE: 25 SEPT 02	SHEET: 1 OF 1			



NOTES:

- 1.) DO NOT POWER ALL SENSORS FROM MASTER CONTROL BOX. POWER SOME OF THE SENSORS OFF OF THE SLAVE CONTROL.
- 2.) ON BOTH CONTROLS SET PMD FUNCTIONS F20 = b, F19 = b, F18 = 00, F17=00, F16 = 05, F14 = a, F13 = a, F11 = 65 DEGREES.
- 3.) ON THE MASTER CONTROL SET FUNCTION F12 TO 3 DEGREES LESS THAN F10.
- 4.) THE WIRING OF THE SUPERSkans IS USING THE QUICK DISCONNECT CABLES WITH PREWIRED ON SAFETY SIDE.
- 5.) CONFIRM ALL SYNC LINES ARE PRESENT. ADDING SYNC LINES MAY BE REQUIRED.
- 6.) DIPSWITCHES 1 THRU 5 LOCKOUT TIME. 6 (UP/OFF), 7 (UP/OFF), 8 (DOWN/ON).

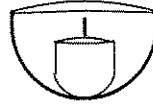


B.E.A., Inc.
 100 Enterprise Drive Pittsburgh, PA 15275
 PH: (412) 249-4100 FAX: (412) 249-4101
 www.beasensors.com

**TITLE: BESAM MP VER. 6.3,4 DUAL, LO21B/U
 PASSPORT PLUS / PARALLAX 2,
 Q-DISCONNECT ON SAFETY SIDE**

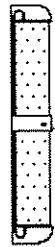
SIZE: A	CAGE CODE: NONE	DWG NO: 80.0043	FILE OF: GDM	DRAWN BY: GDM	REV: F
SCALE: NONE	DATE: 10 OCT 2002	SHEET: 1 OF 1			

Eagle / SentryScan



PWR	PWR	COM	N/O	N/C
1	2	3	4	5

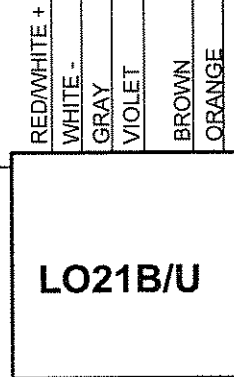
Bodyguard / PassPort Presence Sensor



PWR	1
PWR	2
COM	3
N/O	4
N/C	5
DATA-	6
DATA+	7

N/O
COM

SAFETY BEAM INPUT (DRY CONTACTS)



SWINGMASTER CUP CONTROL

• 18 -24 VDC
• 17 +24 VDC

• 3 IIMP
• 4 0 VDC
• 9 MAT LOGIC
• 19 + 18 VDC
• 14 SWITCH 2



B.E.A., Inc.
100 Enterprise Drive, Pittsburgh, PA 15275
PH: (412) 249-4100 FAX: (412) 249-4101

**TITLE: BESAM MP WITH PASSPORT SYSTEM/
BODYGUARD, LO-21U, EAGLE**

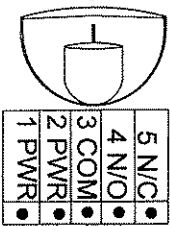
NOTE:

- 1.) IF USING SAFETY BEAMS, SET PMD FUNCTION 20 = A (Otherwise B)
- 3.) SET PMD FUNCTIONS 19 = b, 18 = 00, 17 = 00, 16 = 05, 14 = a, 13 = a, 12 SHOULD BE 3 DEGREES LESS THAN PMD F10
- 4.) IF INSTALLING ON A PAIR OF DOORS INSTALL ADDITIONAL SYNC LINES BETWEEN PINS 2,3,5,9.

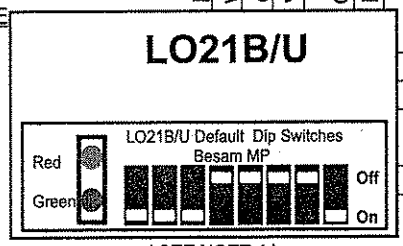
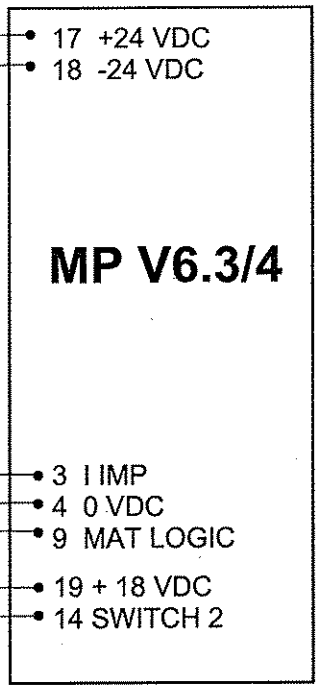
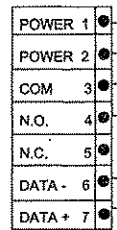
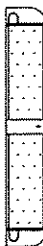
SIZE: A	CAGE CODE: NONE	DWG NO: 80.0042	FILE OF: ENG'G	DRAWN BY: JED	REV: 01
SCALE:		DATE: 02 JAN 04	SHEET: 1 OF 1		



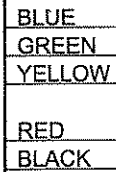
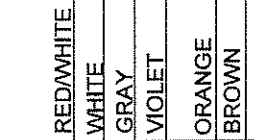
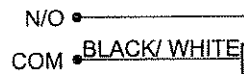
SentryScan



Bodyguard /
PassPort
Presence
Sensor



MICROCELL
SAFETY BEAM INPUT
(DRY CONTACTS)



NOTE:

- 1.) PMD FUNCTION F20 = b, F19=b,
- 2.) IF USING SAFETY BEAMS, PMD FUNCTION F20 = A
- 3.) PMD F12 SHOULD BE 3 DEGREES LESS THAN PMD F10
- 4.) LO21B DIPSWITCH SETTINGS #1-5 LOCKOUT TIMING,
#6 UP/OFF, #7 UP/OFF, #8 DOWN/ON.
- 5.) USE MICROCELL 1 SAFETY BEAMS, CANNOT USE SBK- 111.



B.E.A., Inc.
100 Enterprise Drive Pittsburgh, PA 15275
PH: (412) 249-4100 FAX: (412) 249-4101
www.beasensors.com

**TITLE: BESAM MP CONTROL WITH
PASSPORT SYSTEM,LO21B/U**

SIZE: A	CAGE CODE:	DWG NO: 80.0052	FILE OF: GDM	DRAWN BY: KJG	REV: B
SCALE: NONE	DATE: 22 JUL 2002	SHEET: 1 OF 1			