

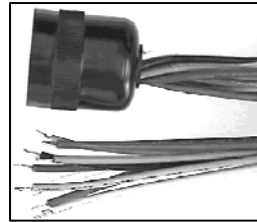
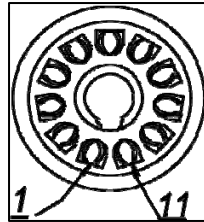
USERS GUIDE MATRIX WIRE HARNESS

PRODUCT DESCRIPTION

The Matrix wire harness (PN: 10MATRIXHARN) is a 6' harness with a female plug-in socket at the end that plugs directly into the 11 pin octal socket on the bottom of the Matrix loop detector.

COMPONENT ID

PIN #	WIRE COLOR	MATRIX CONNECTION	MATRIX2 SINGLE
1	Black	Power (+)	Power (+)
2	White	Power (-)	Power (-)
3	Orange	Relay B - Normally Open	Relay B - Normally Open
4	Green	Relay B - Common	Not Used
5	Yellow	Relay A - Normally Open	Relay A - Common
6	Blue	Relay A - Common	Relay A - Normally Open
7	Gray	Loop A	Loop A
8	Brown	Loop - Common & Ground	Loop A & Ground
9	Red	Loop B (dual only)	Relay B - Common
10	Black/White Stripe	Relay A - Normally Closed	Relay A - Normally Closed
11	Red/White Stripe	Relay B - Normally Closed	Relay B - Normally Closed



SPECIFICATION

DESCRIPTION	SPECIFICATION
Socket	11 Pin Octal configuration
Wire	20 Ga. Stranded
Wire Length	6' (1.82m)

SAFETY PRECAUTIONS



- Shut off all power going to the door or gate before attempting any wiring procedures.
- Maintain a clean & safe environment when working in public areas.
- Constantly be aware of pedestrian and vehicular traffic around the door or gate area.
- Always stop traffic through the doorway or gate entrance when performing tests that may result in unexpected reactions by the door.
- Always check placement of all wiring before powering up to insure that moving parts will not catch any wires and cause damage to equipment.
- Ensure compliance with all applicable safety standards and codes upon completion of installation.

COMPANY CONTACT

If after troubleshooting a problem, a satisfactory solution cannot be achieved, please call B.E.A., Inc. for further assistance during **Eastern Standard Time at 1-800-523-2462 from 8am - 5pm**. For after-hours, call East Coast: 1-866-836-1863 or 1-800-407-4545 / Mid-West: 1-888-308-8843 / West Coast: 1-888-419-2564. **DO NOT leave any problem unresolved.** If you must wait for the following workday to call B.E.A., leave the door or gate inoperable until satisfactory repairs can be made. **NEVER sacrifice the safe operation of the automatic door or gate for an incomplete solution.**
Web: www.beasensors.com