Do not leave problems unresolved. If a satisfactory solution cannot be achieved after troubleshooting a problem, please call BEA, Inc. Never sacrifice the safe operation of the automatic door or gate for an incomplete solution. The numbers, on the front, can be called 24 hours a day, 7 days a week.

For more information, visit www.beasensors.com

NE US & Canada:	**1 866.836.1863**
Mountain & West:	**1 888.419.2564**
Southeast:	**1 800.407.4545**
Midwest:	**1 888.308.8843**
Regional:	**1 866.249.7937**

BEA
OPEN UP NEW HORIZONS
A HALMA COMPANY

75.5581.00 20090415

DOOR POSITION SWITCH
USER GUIDE

MAGNETIC CONTACT SWITCH

10SWITCH1277



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A HALMA COMPANY

1 Description

This switch (10SWITCH1277) is a hermetically sealed (polyurethane potted compound) reed switch. The housing 'Wings' flex to hold the sensor securely in place thus allowing for 'ease of installation' and added protection from swelling wood.

2 Specification

DESCRIPTION	SPECIFICATION
VOLTAGE MAX.	30 VAC/VDC
CURRENT MAX.	0.25 A
POWER MAX.	3.0 W
ELECTRICAL CONFIGURATION	SPDT
WIRING: (12" 22AWG)	NO: Red NC: White COM: Black
GAP DISTANCE MAX.	0.50 in. (13mm)

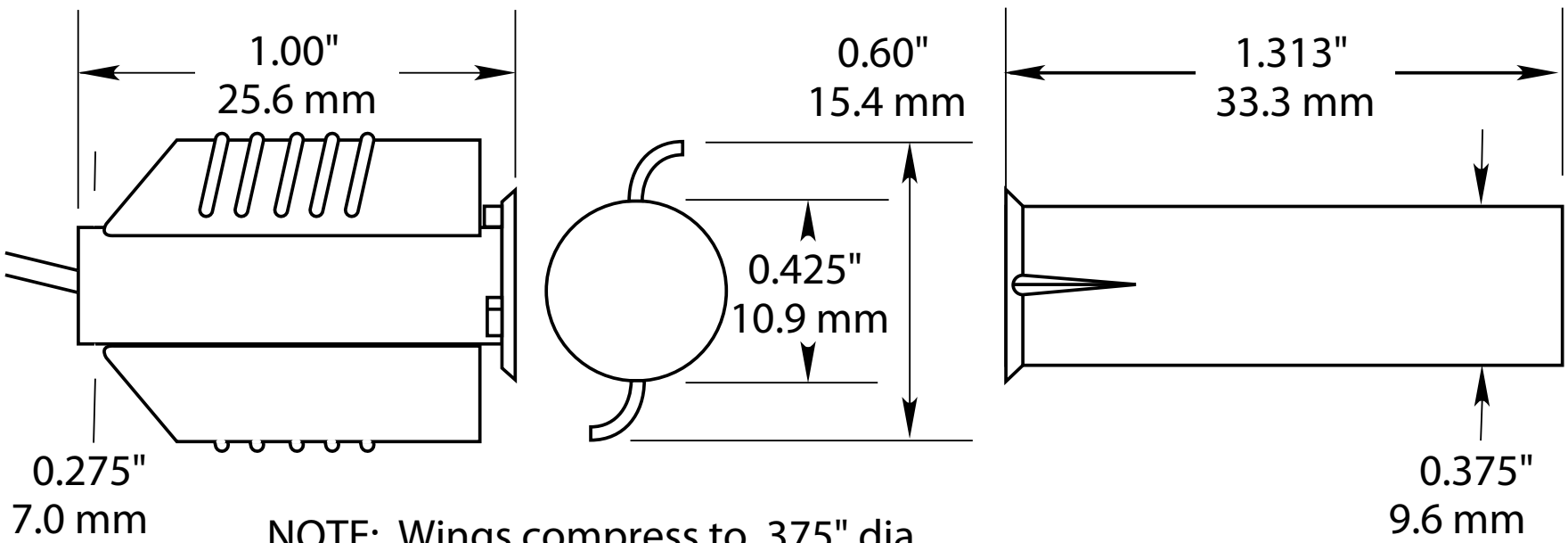
3 Installation

1. Drill a 3/8” dia. x 1” deep hole for the contact and a 3/8” dia. x 1 3/8” deep hole for the magnet.

   NOTE: ‘Wings’ on contact allow for expansion if hole is slilghtly oversized (See Dimensions Below).

2. Press the magnet into the door and the contact into door frame.

3. Connect the NO or NC and COM from the contact to applicable circuit.



NOTE: Wings compress to .375" dia.

4 Precautions

- ❑ Shut off all power before attempting any wiring procedures.
- ❑ Maintain a clean & safe environment when working in public areas.
- ❑ Constantly be aware of pedestrian traffic around the area.
- ❑ Always stop pedestrian traffic through the doorway 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 door parts will not catch any wires and cause damage to equipment.
- ❑ Ensure compliance with all applicable safety standards (i.e. ANSI A156.10/19) upon completion of installation.
- ❑ DO NOT attempt any internal repair of the Door Position Switch. All repairs and/or component replacements must be performed by BEA, Inc. Unauthorized disassembly or repair:
  1. May jeopardize personal safety and may expose one to the risk of electrical shock.
  2. May adversely affect the safe and reliable performance of the product will result in a voided product warranty.