

DESCRIPTION

Nascom's N205WG is an wide gap contact and switch set designed for gate protection. It combines the installers' choice of contact configuration with an N35 NdFeB magnet for excellent gap performance. The N205WG protects single swing gates.

The N205WG prevents false alarms caused by shifting gates in high wind corridors and features our unique NO DEAD SPOT™ technology.



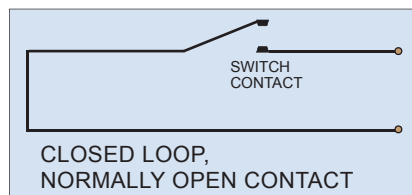
FEATURES

- NO DEAD SPOT™ TECHNOLOGY
- DOUBLE N35 NdFeB RARE EARTH MAGNETS
- LISTED TO UL634 STANDARD
- 24" ARMORED CABLE LEAD PROTECTION
- 36" 22AWG WIRE LEADS
- EXTRUDED ANODIZED (TYPE II) ALUMINUM

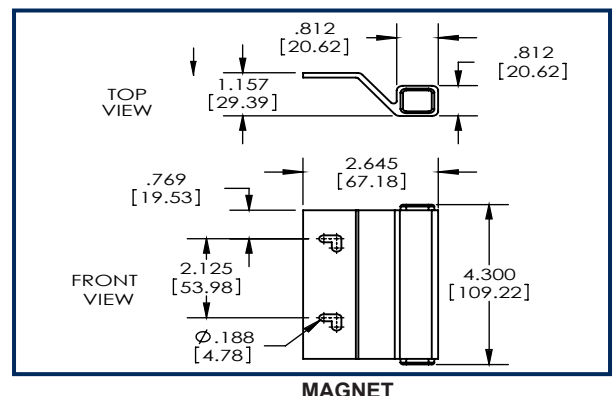
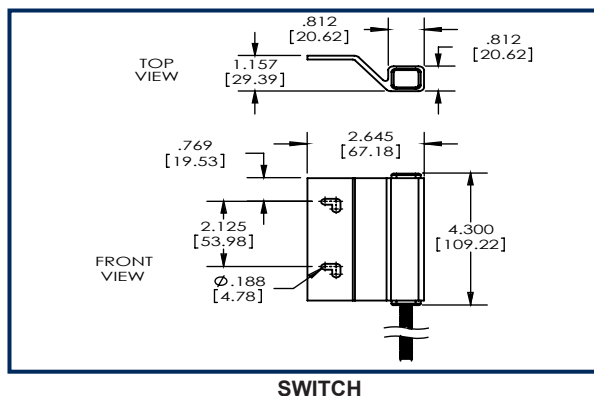
ORDERING INFORMATION

| PART NUMBER | COLOR | OPERATE GAP (in INCHES) | CONTACT RATING (Max DC/Peak AC Resistive) | | | | STATIC CONTACT RESISTANCE (50mV, 100mA) |
|---|--------|----------------------------|--|----------|-------|----------|--|
| | | | SWITCHING | | CARRY | | |
| | | | V | I | V | I | |
| CLOSED LOOP, NORMALLY OPEN, 1FA, SWITCH/MAGNET SET: | | | | | | | |
| N205XG/ST | SILVER | 0 to 3.00 | 200 VDC | 0.5 Amps | 10vA | 1.5 Amps | 150 mOhms |

WIRING SCHEMATIC



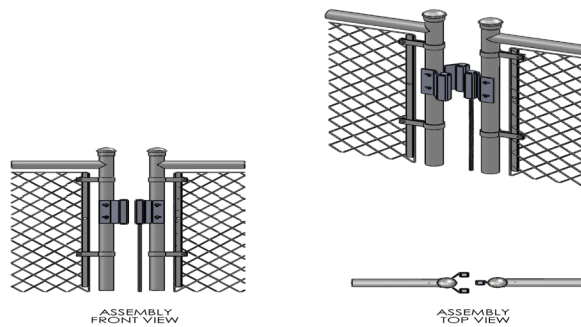
DIMENSIONS - IN [mm]



INSTALLATION INSTRUCTIONS

The N205XG is polarity sensitive and must be installed in the correct orientation to obtain optimal performance of the product.

- Unpack the switch and magnet set. Note the **RED** dots on the ends of the switch and magnet.
- With the gate closed, pre-fit the switch on the gate post and magnet on the opposing gate post to ensure correct alignment and orientation can be achieved.
- Install the magnets on the gate post with the ends of the magnet oriented with the **red** dots on the same end and the magnet housing aligned in parallel, see illustration below:



- Mark and drill the magnet mounting holes using a drill adequately sized for the type of fasteners to be used to secure the switch and magnet. Attach magnet to the gate post.
- Locate the switch on the opposing gate post so the red dot is aligned and oriented on the same end as the red dots on the magnet.
- Make sure the ends of the switch and magnet housing is aligned, mark and drill the switch mounting holes using a drill adequately sized for the type of fasteners to be used to secure the switch and magnet. Attach the switch to the opposing gate post.
- Connect the switch leads to an ohm meter and open and close the gate to test switch for correct operation.
- Connect the switch leads to the alarm system.

PART NUMBER SYSTEM

N205WG / ST XXXX XX XXXX XXXX

LEAD LENGTH (zero, 3 or 4 digits):

- Blank - 24 Inches
- All other lengths specified in Inches with 3 digits (e.g. 036 = 36 Inches)

* lead length is armored cable length-
wire length is 12 inches greater
than armored cable length

LEAD WIRE COLOR (zero to 2 digits):

- Blank = Switch Color except:
» resistor contacts standard is red wire
- BL = Blue leads
- OL = Orange leads

END OF LINE RESISTOR (zero to 4 digits):

- Blank = Resistor in series with the switch
- P = Resistor in parallel with the switch
- SP = Resistor 1 in series to the switch; resistor 2 in parallel to the switch

BUILT-IN END OF LINE RESISTOR VALUE (zero to 4 digits):

- Blank = No built-in end of line resistor
- All other resistor values are specified (e.g. 1K = 1,000 Ω)