

## DESCRIPTION

Nascom's N205XG is an extra wide gap contact and switch set designed for gate protection. It combines the installers' choice of contact configuration with an N35 NdFeB magnet for maximum gap performance. The N205XG protects single and double swing gates.

The N205XG prevents false alarms caused by shifting gates in high wind corridors and features our unique NO DEAD SPOT™ technology.



## FEATURES

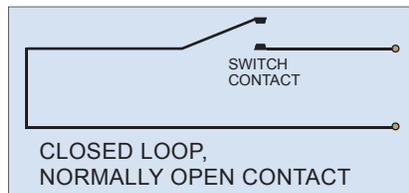
- NO DEAD SPOT™ TECHNOLOGY
- DOUBLE N35 NdFeB RARE EARTH MAGNETS
- LISTED TO UL634 STANDARD
- 24" ARMORED CABLE LEAD PROTECTION
- 36" 22AWG WIRE LEADS
- EXTRUDED ANODIZED (TYPE II) ALUMINUM

## ORDERING INFORMATION

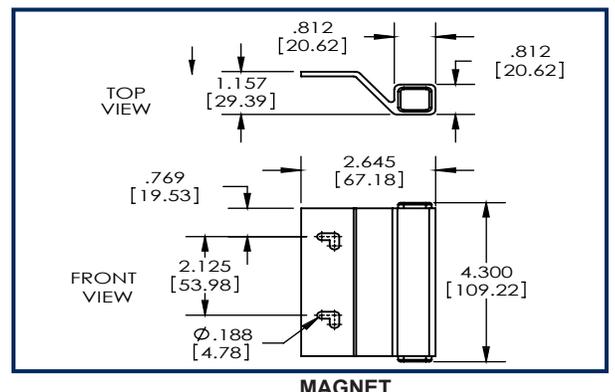
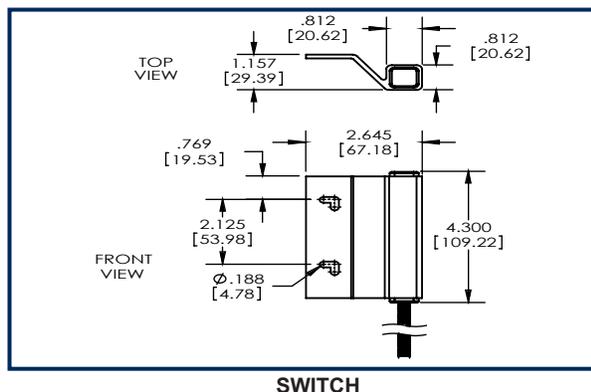
PART NUMBER	COLOR	OPERATE GAP (in INCHES)	CONTACT RATING (Max DC/Peak AC Resistive)				STATIC CONTACT RESISTANCE (50mV, 100mA)
			SWITCHING		CARRY		
			V	I	V	I	
<b>CLOSED LOOP, NORMALLY OPEN, 1FA, SWITCH/MAGNET SET:</b>							
N205XG/ST	SILVER	3.00 to 6.00 *	200 VDC	0.5 Amps	10vA	1.5 Amps	150 mOhms

\* Linear gap can range up to six inches. Side-to-side gap can range up to 10 inches if linear gap is less than 1 inch.

## WIRING SCHEMATIC



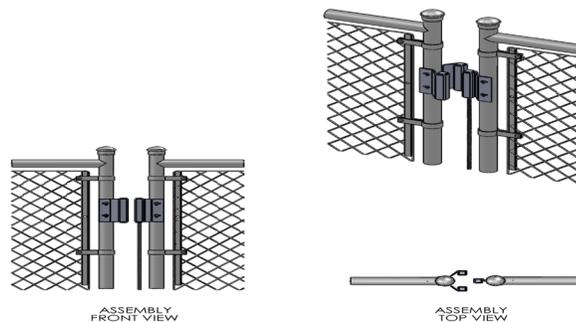
## DIMENSIONS - IN [mm]



## 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 dual magnet set and separate the magnets. Note the **RED** dots on the ends of the switch and magnets.
- With the gate closed, pre-fit the switch on the gate post and magnets on the opposing gate post to ensure correct alignment and orientation can be achieved.
- Install the magnets on either side of the gate post with the ends of the magnets oriented with the **red** dots on the same end and the magnet housings 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 magnets 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 magnets.
- Make sure the ends of the switch and magnet housings are 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 magnets. 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**

N205XG / 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)