

**RECESSED 3/4" DIA. BIASED
HIGH SECURITY MAGNETIC CONTACT
PFC48B SERIES**

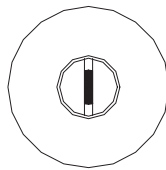


FEATURES:

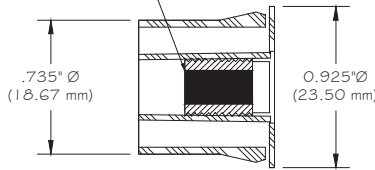
- * 3/4" Dia. Recessed Magnetic Contact
- * 12" #22 AWG Wire Leads
- * Biased for High Security
- * Self Locking in Steel and Wood
- * E.O.L. Resistors, Diodes and Supervisory Loops Available
- * Contacts and Magnets Available Separately
- * Colors: White, Brown, Black and Gray
- * Lifetime Warranty
- * Safety Approvals



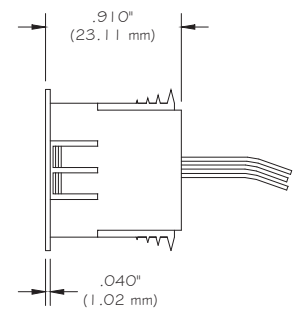
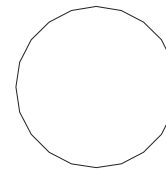
MAGNET HOLDER AND Ø 1/4" X 1/2" RARE EARTH MAGNET
MAGNET HOLDER SCREWS IN AND OUT TO ADJUST GAP



ADJUSTABLE MAGNET



SWITCH



PRINCIPAL OF OPERATION: The Flair PFC48B Series Biased Magnetic Contact utilizes one high reliability Rhodium plated reed switch with a small ceramic bias magnet attached. This bias magnet in combination with the adjustable magnet puts the reed switch into a neutral condition so that it will quickly change state if an intruder attempts to defeat the switch with an external magnet, no matter which pole of the external magnet is next to the reed switch. The adjustable magnet holder may be screwed in or out inside the case to attain an optimal distance of 1/4 - 3/8" from the face of the aluminum magnet holder to the face of the switch.

WIRE COLOR CODE WITH THE MAGNET PREENT			
SPDT Open/Closed	Common	Closed	Open
	Green	Red	White

Part Number	Loop Type	Electrical Configuration	Gap In Steel (Inch / mm)	Maximum Initial Contact Resistance (Ohm)	Maximum Contact Rating (W)	Maximum Switching Voltage (VDC/VAC)	Maximum Switching Current (A)
PFC48B	Closed	N/O	1/2 (13)	.100	10	100	.500
PFC48WB	Closed	N/O	3/4 (20)	.100	10	100	.500
PFC42B	Open/Closed	SPDT	1/2 (13)	.100	3	30	.2
PFC42WB	Open/Closed	SPDT	3/4 (20)	.100	3	30	.2