

# 3/8" Flanged Recessed Switch Set



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## 20F / 20 OF Series



- ◆ Recessed magnetic contact
- ◆ Round or Oval screw down flange
- ◆ Longer leads, zip cord or jacketed cable upon request
  - ◆ Hermetically sealed
  - ◆ Plated contacts resist sticking or freezing
- ◆ Built-in E.O.L. Resistors and Diodes upon request
  - ◆ Supervisory Loops available upon request
  - ◆ Switches and Magnets available separately
    - ◆ Colors: white, brown, gray, black
    - ◆ Lifetime Warranty



20F-12



20OF-12

	Part Numbers			
	<u>Closed Loop</u>	<u>Open Loop</u>	<u>SPDT</u>	<u>DPDT</u>
Standard Gap 1/2"+	20F-12	30F-12	40F-12	45F-12
	20 OF-T	30 OF-T	40 OF-T	45 OF-T
Wide Gap 1"+	20F-12WG	30F-12WG	40F-12WG	45F-12WG
	20 OF-TWG	30 OF-TWG	40 OF-TWG	45 OF-TWG
Extra Wide Gap 1 1/2"+	20F-12XWG	30F-12XWG	40F-12XWG	45F-12XWG
	20 OF-TXWG	30 OF-TXWG	40 OF-TXWG	45 OF-TXWG

## INSTALLATION APPLICATIONS

The 20F and 20 OF series are flush mount designs that enable the installer to combine the security of a screw mount flanged switch with the concealment of a press fit switch. They have been used in hollow aluminum frames where inadequate material depth will not reliably retain a press fit switch and in holes that have been drilled or have somehow become slightly oversized. They are available in a 1/2" and 1 1/2" gap. Mounting hardware is provided.

**WARRANTY:** Lifetime warranty against workmanship, material and factory defects.

GEORGE RISK INDUSTRIES, INC.  
G.R.I. PLAZA  
KIMBALL, NE 69145

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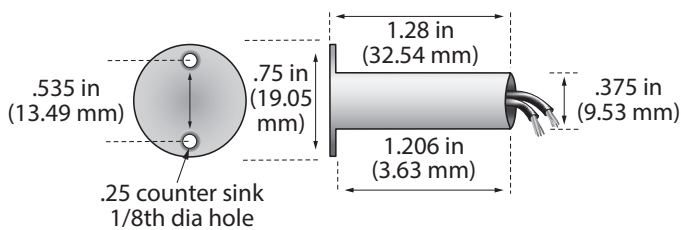
1-800-445-5218  
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(308) 235-4645  
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E-MAIL: sales@grisk.com

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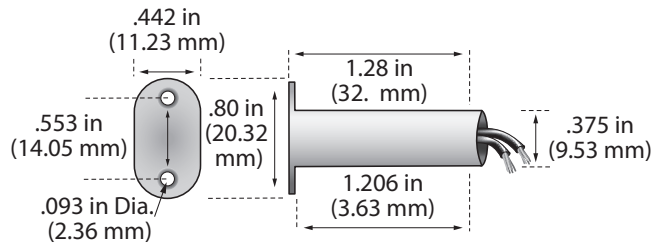


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20F-12



20 OF-12



**Magnets**  
match switch in size and shape

## GRI PRODUCTS MEET OR EXCEED THESE MINIMUM GENERAL SPECIFICATIONS:

Part Number	Loop Type	Electrical Configuration	Reed Form	Max. Initial Contact Resistance (Ω)	Max. Contact Rating (W)	Max. Switching Voltage (VDC)	Max. Switching Current (A)
20F-12	Closed	N/O	A	.150	10	200	.500
20F-12WG	Closed	N/O	A	.150	10	200	.500
20F-12XWG	Closed	N/O	A	.150	10	200	.500
20 OF-12	Closed	N/O	A	.150	10	200	.500
20 OF-12WG	Closed	N/O	A	.150	10	200	.500
20 OF-12XWG	Closed	N/O	A	.150	10	200	.500
30F-12	Open	N/C	B	.140	5	175	.250
30F-12WG	Open	N/C	B	.140	5	175	.250
30F-12XWG	Open	N/C	B	.140	5	175	.250
30 OF-12	Open	N/C	B	.140	5	175	.250
30 OF-12WG	Open	N/C	B	.140	5	175	.250
30 OF-12XWG	Open	N/C	B	.140	5	175	.250
40F-12	Open/Closed	SPDT	C	.140	5	175	.250
40F-12WG	Open/Closed	SPDT	C	.140	5	175	.250
40F-12XWG	Open/Closed	SPDT	C	.140	5	175	.250
40 OF-12	Open/Closed	SPDT	C	.140	5	175	.250
40 OF-12WG	Open/Closed	SPDT	C	.140	5	175	.250
40 OF-12XWG	Open/Closed	SPDT	C	.140	5	175	.250
45F-12	Open/Closed	DPDT	Cx2	.140	5	175	.250
45F-12WG	Open/Closed	DPDT	Cx2	.140	5	175	.250
45F-12XWG	Open/Closed	DPDT	Cx2	.140	5	175	.250
45 OF-12	Open/Closed	DPDT	Cx2	.140	5	175	.250
45 OF-12WG	Open/Closed	DPDT	Cx2	.140	5	175	.250
45 OF-12XWG	Open/Closed	DPDT	Cx2	.140	5	175	.250

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