INTRODUCTION

These reed-type switches are magnetically actuated and offer noncontact reliability along with tolerance for misalignment. They are totally submersible, which makes them ideal for environments where hygiene is important. Each switch is supplied with a prewired 13-foot cable.

INSTALLATION

Mount the switch and actuator on nonferrous materials, using the screws provided. The gap between the switch and actuator should be 2mm (see Figure 1). Align the targets and mount the switch and actuator so they will be parallel when the guards close (see Figure 2). When mounting more than one safety switch, make sure they are minimum of 50 mm apart (see Figure 3).

CAUTION

The actuator must not strike the sensor.

Use of anaerobic thread-locking compounds can have a detrimental affect if they come into contact with the plastic switch case.

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FORROGARD MAGNETIC SAFETY SWITCH

Ways to Actuate Switch

Safety contacts are normally open (NO) when the actuator is not actuating the switch.

Connection Diagrams

CMC-094

CMC-095

CMC-097

CMC-098

TECHNICAL SPECIFICATIONS

Rated Current: 2 A, fuse externally 1.6 A quick acting
Rated Voltage: 250 VAC
Safety Contact Operating Distance:
- Make 0.47” (12 mm), Break 0.91” (23 mm)
Operating Temp.: 14°F to 149°F (-10°C to 65°C)
Cable: 13 feet of prewired 2-conductor flexible cable (CMC-094/CMC-097)
Cable: 13 feet of prewired 4-conductor flexible cable (CMC-095)
CMC-097: 3.3” H x .75” W x .6” D
CMC-098: 3” H x 1.2” W x .6” D

SPARE PARTS

CMK-096 — Spare actuator for CMC-094, CMC-095, and CMC-098
CMK-075 — Spare actuator for CMC-097

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CMK-096 — Spare actuator for CMC-094, CMC-095, and CMC-098
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Dimensions shown are in millimeters