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

**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 (84 H x 19 W x 16 D mm)
- **CMC-098**: 3” H x 1.2” W x .6” D (76 H x 30 W x 15 D mm)

**SPARE PARTS**

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