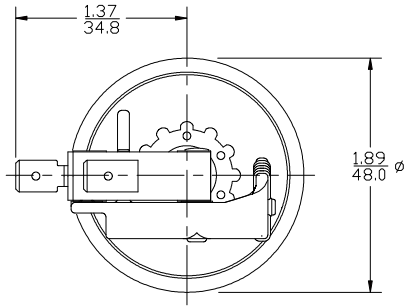

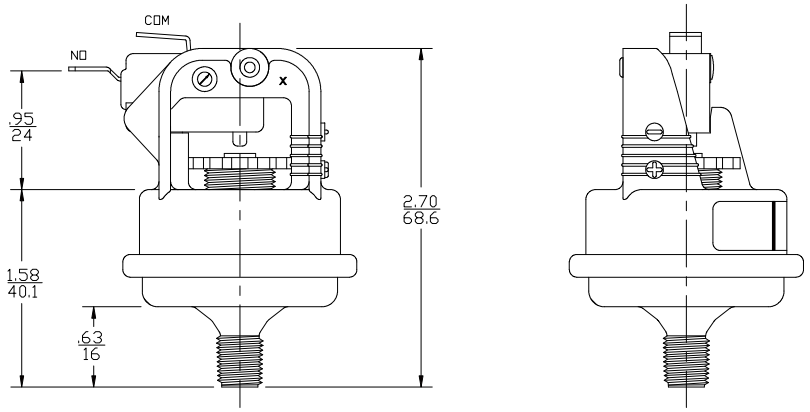

STYLE NO. K50F

(C) AGENCY APPROVALS
UL/ULC: MH26414

SPECIFICATIONS: MODEL 4010P

ELECTRICAL
Switch: Single pole, normally open (SPNO)
(B) Connection: .250 x .032 thick (6.35 x .813 mm) male quick connect
Rating: 25 Amps, non-inductive, 120 to 277 VAC @ 190°F (88°C) for 30,000 cycles

Note: Ratings below are at 190°F (88°C) for 100,000 cycles unless otherwise noted.

25 Amps non-inductive, SPNO or SPNC, 120 to 277 VAC, 160°F (71°C) ambient
20 Amps non-inductive, SPNC 120V to 277 VAC
20 Amps non-inductive, SPNO 120V to 277 VAC

1 HP (.746 kW) @ 120 VAC
2 HP (1.492 kW) @ 240 VAC
8.3 FLA and 49.8 LRA @ 277 VAC
154 VA pilot duty @ 24 VAC
772 VA pilot duty @ 120 VAC
1157 VA pilot duty @ 240 VAC
924 VA pilot duty @ 277 VAC

MECHANICAL
Pressure setpoint: Adjustable
Pressure range: 1 to 6 psig (6.9 to 41 kPa) on pressure rise or pressure fall
Operating pressure, max: 50 psig (345 kPa)
Temperature: 32°F (0°C) to 160°F (71°C) or 190°F (88°C) (See Electrical Rating)
Mechanical life: 100,000 cycles
Pressure media: Air or fluids compatible with PBT (Polybutylene Terephthalate) and EPDM.
Pressure Connection: 1/8 npt - integral plastic fitting/mounting pan.

MOUNTING
Sealing: 1/8 npt fitting is designed to seal without the use of thread sealants. However, it is recommended to use standard sealants to ensure a leak-free joint. Teflon tape, pipe dope, and RTV silicone rubber sealants are all compatible with the plastic resin used to mold the pan/fitting.

Tightening: Thread the switch into the heater plate, pipe coupling, etc. until finger-tight (snug). Tighten the switch three (3) turns past finger-tight, which will provide approximately 10 to 14 ln-lbs tightening torque. Up to one (1) additional turn is acceptable for proper terminal positioning.

CAUTION: (HAND TIGHTEN ONLY) Do not use wrenches, adjustable pliers, etc. Tool assisted tightening may damage the tapered pipe threads and will void warranty.

The snapswitch used is approved to ENEC standards by the KEMA approval agency.

LET.	EN #	DESCRIPTION	DATE	BY
C	14975	ADDED AGENCY APPROVAL	09/27/11	MAD
B	14010	ADDED ".032 THICK" TO CONNECTION NOTE	07/03/02	KJN
A	13845	RELEASE TO SALES	04/17/01	KJN

DO NOT SCALE DRAWING
MATERIAL:
FINISH:
MAKE FROM:

UNLESS OTHERWISE SPECIFIED
1) DIMENSIONS ARE IN INCHES/MILLIMETERS.
2) DIMENSIONS ARE NOMINAL AND ARE FOR REFERENCE ONLY.

SUPERSEDES: XR5100-8 REV.A
E.R. NUMBER: 82343
SCALE: NTS
DRAWN BY: NISHIZAKI
DATE: 04/17/01
CHECKED BY:
DATE:
APPROVED BY:
DATE:

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TECMARK CORPORATION
7745 METRIC DRIVE
MENTOR, OHIO

NAME: 4000 SERIES SPECIFICATION SHEET

PART NUMBER: BS-4010P