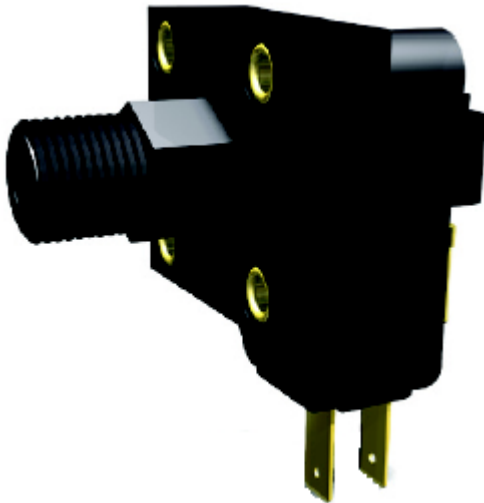


Pressure Switches

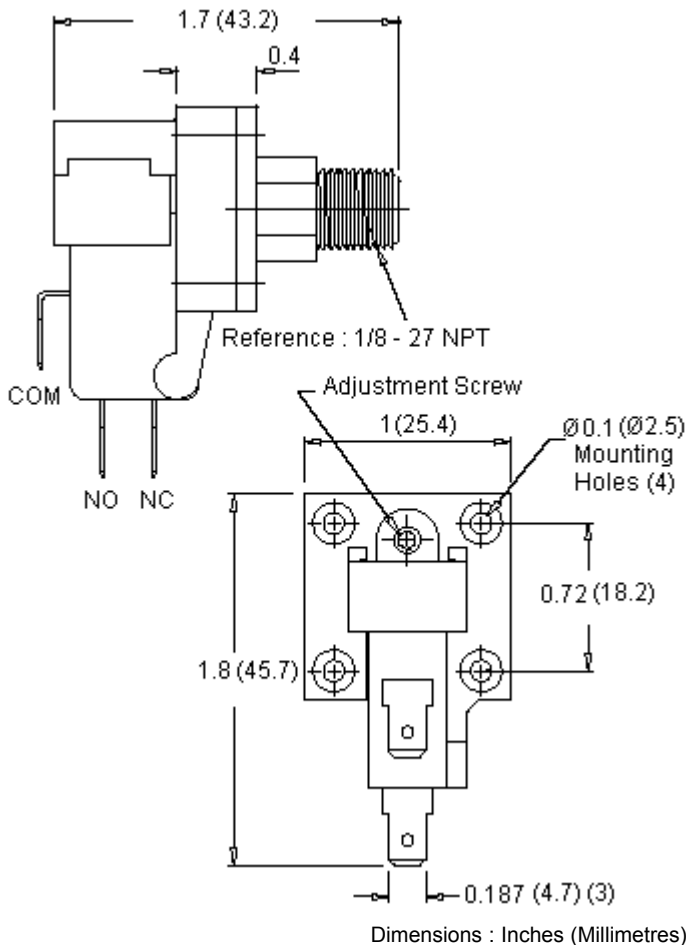


High Current



Features:

- Controllable hysteresis (deadband)
- Field adjustable pressure set point, from 3 inches H₂O to 60 psi
- Snap action basic switch, up to 25 A*, 125 / 250 V ac
- Many standard pressure ports and mounting options
- Custom design and engineering available
- Small size, light weight, low cost
- Dependable long life (10+ million cycles)
- * Not available on all ranges



Description

Design flex™ standard options - choose from our standard PSF103 options as shown or contact our vertically integrated in-house design and engineering team for special features and unique application needs

Pressure Switches



High Current

Specifications:

Mechanical

Standard Tolerance	: ±20% (tight tolerances available)
Switch Type	: SPDT (single pull / double throw) normally open or normally closed
Switching Medium	: Air, compatible fluids
Mechanical Life	: More than 10 million cycles
Proof Pressure	: Varies by option - see adjustable pressure set point options next page
Operating Temperature	: +40°F to +150°F (standard), -46°F to +205°F (contact us)

Physical

Case Material	: Polycarbonate (optional : Lexan 141, Supec®, Ultem®, Noryl®)
Pressure Port Options	: Many standard ports - see pressure port / cover options next page
Diaphragm Material	: Polyurethane (Teflon. optional with limited pressure ranges)
Contact Points	: Silver (gold available on special order)
Electrical Connections	: Terminals - 0.187 × 0.02 inches tab-type for use with quick disconnects (ref. AMP #2-520182-2 or equivalent) 0.25 inches available - contact us
Mounting	: #4 screws through mounting lugs; #2 screws through eyelets; mounting bracket available
Weight	: Less than 20 g

Electrical

Current Rating	: Varies by option - see adjustable pressure set point options next page
Operating Voltage	: See adjustable pressure set point options

Specification Table

Description	Inches H ₂ O	mbar	psi	Proof Pressure (Polyurethane)	Proof Pressure (Teflon)	Electrical 125 / 250 V dc	Part Number
Pressure Switch, 4 - 15 psi	111 to 416	276 to 1,034	4 to 15	100 psi	30 psi	15 A	PSF103-9061-905
Pressure Switch, 15 - 60 psi	416 to 1,664	1,034 to 4,137	15 to 16				PSF103-9061-906

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