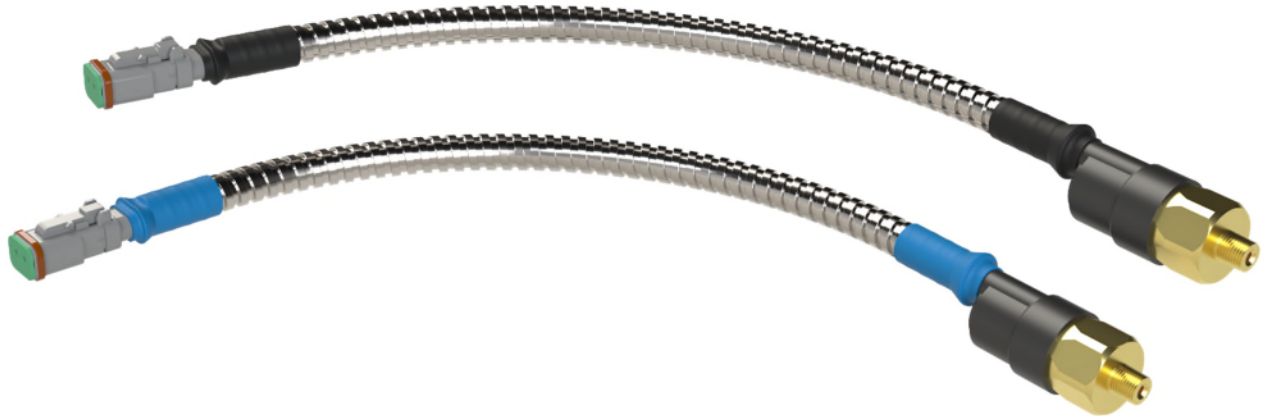


PEFS F3N Pressure switches

Protecting your world

There are two pressure switches available for use in PEFS F3N systems.




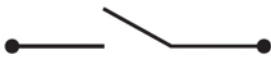
Part numbers

- 87069 – “Fire Alarm/Discharge”, 200kPa Normally closed contacts - Black
- 87067 – “Fault/Cylinder low pressure”, 1450kPa Normally open contacts - Blue.

Features

- Diaphragm type.
- Brass body (hex 24) with contacts and filter encapsulated.
- Factory set switch points.
- Stable switching point even after long use and high load.
- Supplied with a 320mm Fly lead, with sealed armoured conduit and integral Deutsch DT06-2S.
- Each switch is supplied with mating connector, contacts and heat shrink for field wiring.
- Mechanical life expectancy is 1,000,000 cycles.
- Tested to the relevant requirements of AS5062.

Classification of electrical switch functions

Type	Abbreviation	Function	Symbol IEC 60617
Normally closed	NC	SPST (single pole, single throw)	
Normally open	NO	SPST (single pole, single throw)	

Call **13 15 98**
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Specifications

Male thread:	NPT 1/8
Thread tightening torque:	max. 18 Nm
Rated working voltage:	10 ... 42 VAC/DC
Rated current range: (resistive load, 12 DC / 12)	10 mA ... 4 A
Switching power DC12 / AC12:	100 W / 100 VA
Switching frequency:	200 / min.
Pressure rise rate:	≤ 1 bar/ms
Hysteresis:	Average value 5 – 30 % not adjustable
Vibration resistance:	10 g; 5 – 200 Hz sine wave; DIN EN 60068-2-6
Shock resistance:	294 m/s ² ; 14 ms half sine wave; DIN EN 60068-2-27
Overpressure safety up to:	35 bar
Temperature resistance of sealing materials:	FKM; -5 °C ... +120 °C
Protection class	Switch; IP67 Connector; IP68