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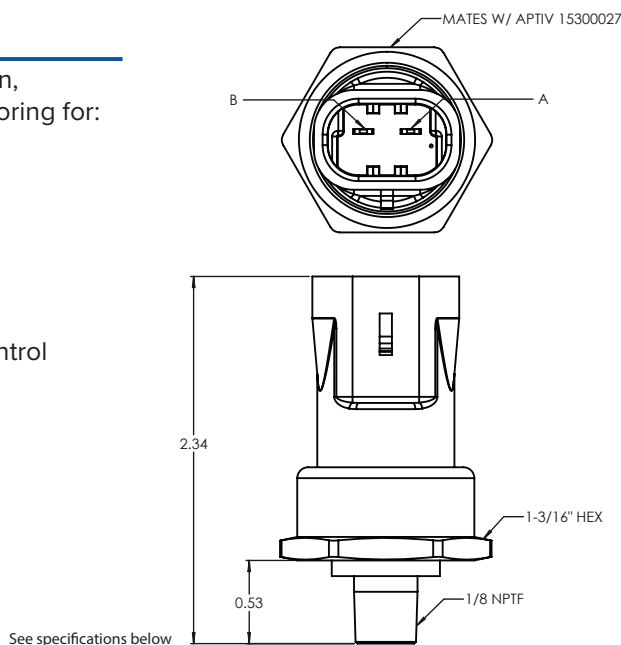
INTEGRATED METRI-PACK 280 PRESSURE SWITCHES

Index Heavy-Duty Pressure Switches are ideal for a wide range of heavy vehicle and equipment applications where durability and reliability are crucial. Designed with our OE customers in mind, our switches are able to withstand the shock and vibration of harsh underhood and off-road conditions.

APPLICATIONS

Pressure control, indication, warning, alarm, and monitoring for:

- ▶ Air conditioning systems
- ▶ Refrigeration units
- ▶ Transmissions
- ▶ Compressed air systems
- ▶ Hydraulic fluid systems
- ▶ Accessory implement control and interlocks
- ▶ Engine oil
- ▶ Water tanks



SPECIFICATION RANGES AND OPTIONS

Port Configurations	1/8" and 1/4" NPT, M14, and M12 male threads 1/4" female flare, M10, and M12 female threads (Schrader)	
Environmental Protection	Complete environmental seal	
Termination Styles	Metri-Pack 280 series	
Setpoint Accuracy	< 6 psi: to ± 1 psi	< 40 kPa: to ± 7 kPa
	6 - 10 psi: to ± 2 psi	40 - 70 kPa: to ± 14 kPa
	10 - 50 psi: to ± 3 psi	70 - 345 kPa: to ± 21 kPa
	50 - 100 psi: to ± 5 psi	345 - 690 kPa: to ± 34 kPa
	100 - 275 psi: to ± 7 psi	690 - 1900 kPa: to ± 48 kPa
	> 275 psi: to ± 10 psi	> 1900 kPa: to ± 70 kPa
Endurance	Up to 1,000,000 cycles, depending upon pressure range	
Electrical Switch Mode	Available in NO (Normally Open), NC (Normally Closed), and NO/NC (3-wire) configurations	
Proof / Burst Pressure	650 / 975 psi	4,480 / 6,720 kPa
Current Rating	10 mA to 7 amps resistive, 4 amps inductive; 12/24 VDC, 250 VAC	
Pressure Ranges	4 psi - 450 psi	40 - 3,100 kPa
Maximum Exposure Temperature	257° F	125° C



FEATURES / BENEFITS

- ▶ Exceptional vibration resistance
- ▶ Rugged design for use in heavy-duty applications and environments
- ▶ Reliable: tested and proven performance for over a million cycles
- ▶ Fast response and superior accuracy for improved efficiency
- ▶ Versatile to fit a wide range of applications
- ▶ Custom-specifiable set and reset pressures
- ▶ Proven performance on millions of engines and vehicles
- ▶ Tight OEM tolerances



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