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SUCO - 0114/0115 PRESSURE SWITCH

IP67

0114416281616
20..50 bar, G1/8, Nc, NBR, Packard MetriPack 280®



- Up to 42 V
- Packard MetriPack 280® integrated connector
- Six adjustment ranges from 0,1..1 bar to 50..150 bar
- Normally open or normally closed
- Overpressure safety of 300 bar or 600 bar

PRODUCT DESCRIPTION

The SUCO 0114 and 0115 are compact mechanical pressure switches featuring an integrated Packard MetriPack 280® connector and housed in a sturdy 24 mm hex, zinc-plated (CrVI-free) steel body, offering IP67 protection. They handle up to 42 V AC/DC and utilise SPST normally-open or normally-closed silver contacts rated for a maximum of 4 A resistive. The switches feature six field-adjustable setpoint ranges, from 0.1–1 bar up to 50–150 bar, with precise factory preset options available and a maximum deviation of ±0.2 bar. Designed for rugged environments, they sustain overpressure of 300 bar (standard) and up to 600 bar in enhanced variants. They operate reliably with up to 200 cycles per minute and can tolerate a media temperature range from –40 °C to +100 °C (NBR seals) or –30 °C to +120 °C (EPDM/FKM).
These switches are well-suited for a diverse range of demanding applications, including automotive systems, mobile hydraulics, water systems, and braking circuits. In mobile hydraulic equipment, they provide accurate pressure monitoring and safety feedback, while in water and industrial systems they ensure reliable pump control and overpressure protection. The integrated MetriPack connector facilitates quick, reliable installation and replacement, making the SUCO 0114/0115 series a dependable choice for applications requiring compact, rugged, and precisely adjustable pressure monitoring solutions.

TECHNICAL DATA

Approvals	CSA US, RoHS II
Contact rating max	4 A
Deviation max	±2,0
Electrical connection	Packard MetriPack 280
Function	Normally Closed
IP class	IP67
Material membrane	NBR
Material of body	Zinc-plated steel
Material of wetted parts	Zinc-plated steel, NBR
Max switching frequency/min	200

Pressure max	300 bar
Pressure range max	50 bar
Pressure range min	20 bar
Process connection	1/8 BSP
Temperature ambient from	-20 °C
Temperature ambient to	80 °C
Temperature of media from	-40 °C
Temperature of media to	100 °C
Voltage ac/dc max	42 V
Voltage ac/dc min	10 V
Weight	90 g







0114 / 0115



Packard
MetriPack 280®

IP67

H ≈ 62 mm

