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# SUCO - 0118/0119 PRESSURE SWITCH

IP65, IPx4K

0118416032063
20..50 bar, G1/4, Nc, EPDM, AMP Junior Timer®



- Up to 42 V
- AMP Junior Timer® integrated connector
- Six adjustment ranges from 0,1..1 bar to 50..150 bar
- Normally open or normally closed
- Overpressure saftey of 300 bar or 600 bar

### PRODUCT DESCRIPTION

The SUCO 0118/0119 series is a compact, robust mechanical pressure switch housed in a zinc-plated hex-24 steel body with an integrated AMP Junior Timer® connector. It delivers reliable operation up to 42 V AC/DC with both normally open (NO) and normally closed (NC) SPST contacts. The switch offers six adjustable pressure ranges each featuring excellent repeatability (±0.2 bar or better depending on range), a max switching frequency of 200/min, and an impressive mechanical life expectancy of 1 million cycles. Rated to IP65 and IPx4K, these units resist harsh environments and can withstand overpressure spikes to 300 bar (for lower ranges) or up to 600 bar in higher variants. They are also temperature-tolerant, operating in ambient ranges of –20 °C to 80 °C, and handling media from –40 °C up to 120 °C depending on seal material (NBR, EPDM, or FKM).
These switches are engineered for precise, site-adjustable pressure monitoring in demanding applications: mobile hydraulics, automotive systems, water pumps, and braking systems. The on-site adjustability makes them ideal for system tuning or retrofit, while high IP ratings and zinc-plated housings ensure resilience in outdoor and wash-down settings. With a rugged design and high over-pressure safety margin, the 0118/0119 is well-suited for both standard hydraulic control and safety-critical applications in industrial machinery where robust performance and reliability are paramount.

# TECHNICAL DATA

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|---|---|
| **Adjustment range max** | 50 bar |
| **Adjustment range min** | 20 bar |
| **Approvals** | CSA US, RoHS II |
| **Contact rating max** | 4 A |
| **Deviation max** | ±2,0 |
| **Electrical connection** | AMP Junior Timer |
| **Function** | Normally Closed |
| **IP class** | IP65, IPx4k |
| **Material membrane** | EPDM |
| **Material of body** | Zinc-plated steel |

| | |
|---|---|
| **Material of wetted parts** | EPDM, Zinc-plated steel |
| **Max switching frequency/min** | 200 |
| **Mechanical life expectancy** | 1 million exchanges |
| **Pressure max** | 300 bar |
| **Process connection** | 1/4 BSP |
| **Temperature ambient from** | -20 °C |
| **Temperature ambient to** | 80 °C |
| **Temperature of media from** | -30 °C |
| **Temperature of media to** | 120 °C |
| **Voltage ac/dc max** | 42 V |
| **Voltage ac/dc min** | 10 V |
| **Weight** | 90 g |









**0118 / 0117**



**AMP**
**Junior Timer®**

IP65, IPx4K

H ≈ 54 mm

