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# SUCO - 0136/0137 PRESSURE SWITCH

IP67, IP6K9K

0136458032042
1..10 bar, G1/4, CO, EPDM, Deutsch DT04-3P



- Up to 48 V
- Deutsch DT04-3P® integrated connector
- Five adjustment ranges from 0,3..1,5 bar to 50..200 bar
- Changeover (SPDT)
- Over pressure safety from 100 bar up to 600 bar

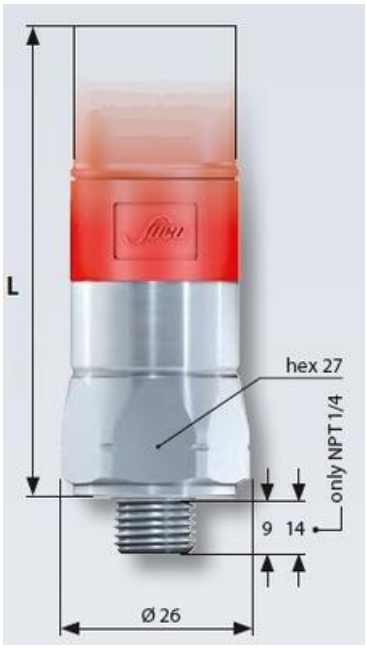
### PRODUCT DESCRIPTION

The SUCO 0136/0137 series mechanical pressure switches feature a rugged hex-27 zinc-plated steel body with integrated Deutsch DT04-3P® connector, rated for up to 48 V AC/DC. They provide SPDT (changeover) switching with both normally open and normally closed contacts and boast IP67 and IP6K9K protection, ideal for demanding environments. These switches offer five selectable adjustment ranges, with maximum pressure ratings from 100 bar to as high as 600 bar over-pressure safety depending on the variant. Key performance specs include a contact rating of up to 4 A, switching repeatability within ±0.2–5 bar, hysteresis of 10–30%, mechanical life expectancy of one million cycles, vibration resistance up to 10 g, and shock robustness to 294 m/s²—all operating across –30 °C to +100 °C (media) and –20 °C to +80 °C (ambient).
These rugged SUCO switches are designed for real-world industrial applications where reliable pressure detection is critical. Their integrated Deutsch connector and high IP rating make them perfect for mobile hydraulics and off-road automotive systems, where dirt, vibration, and moisture are constant challenges. They're also widely used in fluid systems such as water pumps and braking circuits, enabling precise pressure monitoring and safety cutoff at set thresholds. The ability to adjust switch points onsite provides flexibility during installation and maintenance. With over-pressure protection and long-cycle durability, these switches are a trusted choice in sectors like construction, agriculture, vehicle braking, and general industrial fluid control.

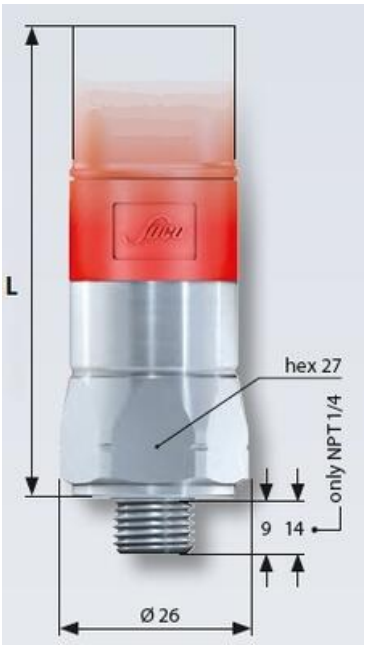
## TECHNICAL DATA

| | |
|---|---|
| **Adjustment range max** | 10 bar |

| | |
|---|---|
| **Adjustment range min** | 1 bar |
| **Approvals** | CSA US, RoHS II |
| **Contact rating max** | 4 A |
| **Deviation max** | ±0,5 |
| **Electrical connection** | Deutsch DT04-3P |
| **Function** | Changeover (SPDT) |
| **Hysteresis** | 10-30% depending on set value |
| **IP class** | IP67, IP6K9K |
| **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 |
| **Shock resistance** | 294m / s²; 14 ms half sinusoidal wave; DIN EN 60068-2-27 |
| **Temperature ambient from** | -20 °C |
| **Temperature ambient to** | 80 °C |
| **Temperature of media from** | -30 °C |
| **Temperature of media to** | 120 °C |
| **Vibration resistance** | 10g: 5..200 Hz sine wave, DIN EN 60068-2-6 |
| **Voltage ac/dc max** | 48 V |
| **Weight** | 100 g |


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hex 27
only NPT 1/4
9
14
Ø 26


0136 / 0137
Deutsch DT04-3P®
IP67, IP6K9K
L ~ 71 mm
Adjust-ment
P
B
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