



## SUCO - 0132/0133 PRESSURE SWITCH

IP67

0132459031009

10..50 bar, G1/4, CO, NBR, TE AMP Superseal®

- Up to 48 V
- TE AMP Superseal 1.5® 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 0132/0133 series pressure switch is part of the integrated connector range from SUCO offering high IP rating. Integrated TE AMP Superseal 1.5® connector and a maximum voltage of 48 V with a normally open and normally closed contact housed in a hex 27 zinc plated body offering a high pressure resistance. The switch point is very stable even after a long period of time and high load and is also adjustable on site and can come pre-set.

Common applications include automotive, mobile hydraulics, water applications and braking systems.

### TECHNICAL DATA

Adjustment range max	50 bar
Adjustment range min	10 bar
Approvals	CSA US, RoHS II

<b>Contact rating max</b>	4 A
<b>Deviation max</b>	±3,0
<b>Electrical connection</b>	AMP Superseal
<b>Function</b>	Changeover (SPDT)
<b>Hysteresis</b>	10-30% depending on set value
<b>IP class</b>	IP67
<b>Material membrane</b>	NBR
<b>Material of body</b>	Zinc-plated steel
<b>Material of wetted parts</b>	Zinc-plated steel, NBR
<b>Max switching frequency/min</b>	200
<b>Mechanical life expectancy</b>	1 million exchanges
<b>Pressure max</b>	300 bar
<b>Pressure range max</b>	50 bar
<b>Pressure range min</b>	10 bar
<b>Pressure type</b>	Relativt tryck
<b>Process connection</b>	1/4 BSP
<b>Shock resistance</b>	294m / s <sup>2</sup> ; 14 ms half sinusoidal wave; DIN EN 60068-2-27
<b>Temperature ambient from</b>	-20 °C
<b>Temperature ambient to</b>	80 °C
<b>Temperature of media from</b>	-40 °C
<b>Temperature of media to</b>	100 °C
<b>Type Pressure Switch</b>	High accuracy
<b>Weight</b>	100 g
<b>Vibration resistance</b>	10g: 5..200 Hz sine wave, DIN EN 60068-2-6
<b>Voltage ac/dc max</b>	48 V

