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SUCO - 0134/0135 PRESSURE SWITCH

IP67

0134459031009 10..50 bar, G1/4, CO, NBR, M12x1



- M12x1 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 0134/0135 series pressure switch is part of the integrated connector range from SUCO offering high IP rating. Integrated M12x1 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



Contact rating max 4 A Deviation max ±3,0 Electrical connection M12 Function Changeover (SPDT) Hysteresis 10-30% depending on set value IP class IP67 Material membrane NBR Material of body Zinc-plated steel Max switching frequency/min 200 Mechanical life expectancy 1 million exchanges Pressure max 300 bar Pressure range max 50 bar Pressure type Relativt tryck Pressure type Relativt tryck 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 of media from -40 °C Temperature of media from -40 °C Temperature of media from -40 °C Type Pressure Switch High accuracy Weight 100 g Vibration resistance 102 5.200 Hz sine wave, DIN EN 60068-2-6 Voltage ac/dc max		
Function M12 Function Changeover (SPDT) Hysteresis 10-30% depending on set value 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 Mechanical life expectancy 1 million exchanges Pressure max 300 bar Pressure range min 10 bar Pressure type Relativit tyck Process connection 1/4 BSP Shock resistance 294m / s², 14 ms half sinusoidal wave; DIN EN 60068-2-27 Temperature ambient from -40 °C Temperature of media from -40 °C Temperature of media from 100 g Weight 100 s? 5.200 Hz sine wave, DIN EN 60068-2-6	Contact rating max	4 A
Function Hysteresis 10-30% depending on set value 1Pc class IPc f7 Material membrane NBR Material of body Zinc-plated steel Material of wetted parts Zinc-plated steel, NBR Max switching frequency/min 200 Mechanical life expectancy 1 million exchanges Pressure max 300 bar Pressure range min 10 bar Pressure range min 10 bar Pressure type Relativt tryck 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 of media from 4-0 °C Temperature of media to 100 °C Type Pressure Switch Weight 100 g Vibration resistance 10-30% depending on set value	Deviation max	±3,0
Hysteresis 10-30% depending on set value 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 Mechanical life expectancy 1 million exchanges Pressure max 300 bar Pressure range max 50 bar Pressure range min 10 bar Pressure type Relativt tryck 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 of media from -40 °C Temperature of media to 100 °C Type Pressure Switch High accuracy Weight 100 g Vibration resistance 100 SE, 200 Hz sine wave, DIN EN 60068-2-6	Electrical connection	M12
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Material of wetted parts Max switching frequency/min Mechanical life expectancy Pressure max 300 bar Pressure range max 50 bar Pressure range min 10 bar Pressure type Relativt tryck 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 of media from 40 ° C Temperature of media to 100 ° C Weight NBR Zinc-plated steel, NBR 200 Amillion exchanges 1 million exchanges 300 bar Relative tryck Temperature ambient from 20° C Temperature ambient from 40° C Temperature of media from 40° C Temperature of media to 100° C Weight Nigh accuracy Vibration resistance 10g: 5.200 Hz sine wave, DIN EN 60068-2-6	Material membrane	NBR
Max switching frequency/min 200 Mechanical life expectancy 1 million exchanges Pressure max 300 bar Pressure range max 50 bar Pressure range min 10 bar Pressure type Relativt tryck 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 -40 °C Temperature of media to 100 °C Type Pressure Switch High accuracy Weight 100 g Vibration resistance 100 bar	Material of body	Zinc-plated steel
Mechanical life expectancy1 million exchangesPressure max300 barPressure range max50 barPressure range min10 barProcess connectionRelativt tryckProcess connection1/4 BSPShock resistance294m / s²; 14 ms half sinusoidal wave; DIN EN 60068-2-27Temperature ambient from-20 °CTemperature ambient to80 °CTemperature of media from-40 °CTemperature of media to100 °CType Pressure SwitchHigh accuracyWeight100 gVibration resistance10g: 5200 Hz sine wave, DIN EN 60068-2-6	Material of wetted parts	Zinc-plated steel, NBR
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Process connection1/4 BSPShock resistance294m / s²; 14 ms half sinusoidal wave; DIN EN 60068-2-27Temperature ambient from-20 °CTemperature ambient to80 °CTemperature of media from-40 °CTemperature of media to100 °CType Pressure SwitchHigh accuracyWeight100 gVibration resistance10g: 5.200 Hz sine wave, DIN EN 60068-2-6	Pressure range min	10 bar
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Temperature of media from -40 °C Temperature of media to 100 °C Type Pressure Switch High accuracy Weight 100 g Vibration resistance 10g: 5200 Hz sine wave, DIN EN 60068-2-6	Temperature ambient from	-20 °C
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Weight 100 g Vibration resistance 10g: 5200 Hz sine wave, DIN EN 60068-2-6	Temperature of media to	100 °C
Weight 100 g Vibration resistance 10g: 5200 Hz sine wave, DIN EN 60068-2-6	Type Pressure Switch	High accuracy
Vibration resistance 10g: 5200 Hz sine wave, DIN EN 60068-2-6		
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