## SUCO - 0116/0117 PRESSURE SWITCH

IP67, IP6K9K

0117420282604 50..150 bar, G1/8, Nc, EPDM, Deutsch DT04-3P

- Up to 42 V
- Deutsch DT04-3P integrated connector
- Six adjusment 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 0116/0117 series pressure switch is part of the integrated connector range from SUCO offering high IP rating. Integrated Deutsch DT04-3P connector and a maximum voltage of 42V with normally open or normally closed contacts housed in a hex 24 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.

## Specifications

| Adjustment range max150Adjustment range min50ApprovalsCSA US, RoHS IIContact Rating Max4Deviation max±5Electrical connectionDeutsch DT04-3PFunctionNormally Closed (SPST)IP ClassIP67, IP6K9KMaterial of bodyZinc-plated steelMaterials Wetted PartsEPDM, Zinc-plated steelMax switching frequency/min200Max. pressure600   |                             |                         |
|---|-----------------------------|-------------------------|
| Approvals  Contact Rating Max  4  Deviation max  ±5  Electrical connection  Deutsch DT04-3P  Function  Normally Closed (SPST)  IP Class  IP67, IP6K9K  Material of body  Zinc-plated steel  Materials Wetted Parts  EPDM, Zinc-plated steel  Max switching frequency/min  CSA US, RoHS II  4  CSA US, RoHS II  Aux Suitching II  EDA US, RoHS II  EDA US, | Adjustment range max        | 150                     |
| Contact Rating Max 4  Deviation max ±5  Electrical connection Deutsch DT04-3P  Function Normally Closed (SPST)  IP Class IP67, IP6K9K  Material of body Zinc-plated steel  Materials Wetted Parts EPDM, Zinc-plated steel  Max switching frequency/min 200  | Adjustment range min        | 50                      |
| Deviation max ±5  Electrical connection Deutsch DT04-3P  Function Normally Closed (SPST)  IP Class IP67, IP6K9K  Material of body Zinc-plated steel  Materials Wetted Parts EPDM, Zinc-plated steel  Max switching frequency/min 200  | Approvals                   | CSA US, RoHS II         |
| Electrical connection       Deutsch DT04-3P         Function       Normally Closed (SPST)         IP Class       IP67, IP6K9K         Material of body       Zinc-plated steel         Materials Wetted Parts       EPDM, Zinc-plated steel         Max switching frequency/min       200   | Contact Rating Max          | 4                       |
| Function Normally Closed (SPST)  IP Class IP67, IP6K9K  Material of body Zinc-plated steel  Materials Wetted Parts EPDM, Zinc-plated steel  Max switching frequency/min 200   | Deviation max               | ±5                      |
| IP Class IP67, IP6K9K  Material of body Zinc-plated steel  Materials Wetted Parts EPDM, Zinc-plated steel  Max switching frequency/min 200  | Electrical connection       | Deutsch DT04-3P         |
| Material of body       Zinc-plated steel         Materials Wetted Parts       EPDM, Zinc-plated steel         Max switching frequency/min       200   | Function                    | Normally Closed (SPST)  |
| Materials Wetted Parts EPDM, Zinc-plated steel  Max switching frequency/min 200   | IP Class                    | IP67, IP6K9K            |
| Max switching frequency/min 200   | Material of body            | Zinc-plated steel       |
|   | Materials Wetted Parts      | EPDM, Zinc-plated steel |
| Max. pressure 600   | Max switching frequency/min | 200                     |
|   | Max. pressure               | 600                     |



| Membrane Material               | EPDM    |
|---------------------------------|---------|
| Process connection              | 1/8 BSP |
| Temperature ambient from        | -20     |
| Temperature ambient to          | 80      |
| Temperature range of media from | -30     |
| Temperature range of media to   | 120     |
| Weight                          | 90      |
| Voltage AC / DC Max             | 42      |
| Voltage AC / DC Min             | 10      |







