



## SUCO 0533 ELECTRONIC PRESSURE SWITCH

053310220B008  
NPN output (Low Side), NC, 0-100 Bar, 7/16 – 20 UNF,  
Deutsch DT04-4P

- One Switching Output
- Stainless Steel & Titanium Wetted Parts
- Silicon-On-Sapphire Technology
- Factory Set



### PRODUCT DESCRIPTION

### TECHNICAL DATA

#### GENERAL DATA

|                       |                        |
|-----------------------|------------------------|
| Adjustment range max  | 100 bar                |
| Adjustment range min  | 0 bar                  |
| Electrical connection | Deutsch DT04-4P        |
| Function              | Normally Closed (SPST) |
| Output                | NPN                    |
| Burst pressure        | 800 bar                |
| Pressure max          | 400 bar                |

#### TEMPERATURE & MATERIALS DATA

|                           |                                  |
|---------------------------|----------------------------------|
| Temperature of media from | -40 °C                           |
| Temperature of media to   | 125 °C                           |
| Temperature ambient from  | -40 °C                           |
| Temperature ambient to    | 100 °C                           |
| Material of body          | Stainless steel 1.4305           |
| Material of wetted parts  | Stainless steel 1.4305, Titanium |

### ADDITIONAL DATA



| Pin | Assignment |
|-----|------------|
| 1   | Line       |
| 2   | Out        |
| 3   | Out        |
| 4   | Out        |
| 5   | Out        |

IP67  
 $\times = 60/75 \text{ mm}^3$   
 $\phi = 10 \text{ mm}$   
Order number: 001

| Pin | Assignment |
|-----|------------|
| 1   | Line       |
| 2   | NC         |
| 3   | NC         |
| 4   | Out        |

IP67  
 $\times = 54 \text{ mm}$   
 $\phi = 12.21 \text{ mm}$   
Order number: 002

| Pin | Assignment |
|-----|------------|
| 1   | Line       |
| 2   | NC         |
| 3   | NC         |
| 4   | Out        |

IP67  
 $\times = 65 \text{ mm}$   
 $\phi = 12.21 \text{ mm}$   
Order number: 004

| Pin | Assignment |
|-----|------------|
| 1   | Out        |
| 2   | Out        |
| 3   | Out        |
| 4   | Out        |

IP67  
 $\times = 71 \text{ mm}$   
 $\phi = 12.28 \text{ mm}$   
Order number: 007

| Pin | Assignment |
|-----|------------|
| 1   | Line       |
| 2   | Line       |
| 3   | NC         |
| 4   | Out        |

IP67  
 $\times = 58 \text{ mm}$   
 $\phi = 12.21 \text{ mm}$   
Order number: 008

| Pin | Assignment |
|-----|------------|
| 1   | Line       |
| 2   | Out        |
| 3   | Out        |

IP67  
 $\times = 58 \text{ mm}$   
 $\phi = 12.21 \text{ mm}$   
Order number: 010

Cable connection

| Cable | Assignment |
|-------|------------|
| red   | Line       |
| white | Out        |
| black | Out        |

IP67  
 $\times = 68 \text{ mm}$   
 $\phi = 12.21 \text{ mm}$   
Order number: 011

Thread code: 41

Thread code: 03

Thread code: 04

Thread code: 09

Thread code: 05

Thread code: 10

Thread code: 21

Thread code: 42

Electron 0530-10

hex 23

Connection diagrams

High load: 100 A, 250 V AC, 100 W

Low load: 100 A, 250 V AC, 100 W

Technical modifications and errors excepted.

| Pin | Assignment |
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| 3   | Out        |
| 4   | Out        |
| 5   | Out        |

IP67  
 $\times = 60/75 \text{ mm}^3$   
 $\phi = 10 \text{ mm}$   
Order number: 001

| Pin | Assignment |
|-----|------------|
| 1   | Line       |
| 2   | NC         |
| 3   | NC         |
| 4   | Out        |

IP67  
 $\times = 54 \text{ mm}$   
 $\phi = 12.21 \text{ mm}$   
Order number: 002

| Pin | Assignment |
|-----|------------|
| 1   | Line       |
| 2   | NC         |
| 3   | NC         |
| 4   | Out        |

IP67  
 $\times = 65 \text{ mm}$   
 $\phi = 12.21 \text{ mm}$   
Order number: 004

| Pin | Assignment |
|-----|------------|
| 1   | Out        |
| 2   | Out        |
| 3   | Out        |
| 4   | Out        |

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| Pin | Assignment |
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