



SUCO 0533 ELECTRONIC PRESSURE SWITCH

053310220B013
NPN output (Low Side), NC, 0-100 Bar, 7/16 – 20 UNF,
DIN EN 175301-803-A

- 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	DIN EN 175301-803-A
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	Chn
2	Out
3	Out
4	Out
5	Out

IP67

• 60/75 mm²

• Ø 30 mm

Order number: 001

Pin	Assignment
1	Line
2	NC
3	NC
4	Out

IP67

• 54 mm

• Ø 22 mm

Order number: 002

Pin	Assignment
1	Line
2	NC
3	NC
4	Out

IP67

• 54 mm

• Ø 22 mm

Order number: 004

Pin	Assignment
1	Out
2	Out
3	Line

IP67

• 71 mm

• Ø 20 mm

Order number: 007

Pin	Assignment
1	Chn
2	Line
3	NC
4	Out

IP67

• 58 mm

• Ø 22 mm

Order number: 008

Pin	Assignment
1	Line
2	Out
3	Out

IP67

• 58 mm

• Ø 22 mm

Order number: 010

Cable connection

Cable	Assignment
red	Line
white	Out
black	Out

IP67

• 68 mm

• 20 mm band width

• cable length = 2 m

• Ø 22 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 22

Connection diagrams

High load: 100 A, 250 V, 10 mm²

Low load: 100 A, 250 V, 10 mm²

Pin assignment: 1: Chn, 2: Out, 3: Out, 4: Out, 5: Out

Technical modifications and errors excepted.

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1	Chn
2	Out
3	Out
4	Out
5	Out

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