



SUCO 0531 ELECTRONIC PRESSURE SWITCH

053125230B004

PNP output (High Side), NC, 0-250 Bar, M10x1 zyl. DIN 3852-A, Bayonet ISO 15170-A1-4.1

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



PRODUCT DESCRIPTION

TECHNICAL DATA

GENERAL DATA

Adjustment range max	250 bar
Adjustment range min	0 bar
Process connection	M10x1
Function	Normally Closed (SPST)
Output	PNP
Burst pressure	2000 bar
Pressure max	1000 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
 $\times = 60/70 \text{ mm}^2$
 $\phi = 10 \text{ mm}$
Order number: 001

Pin	Assignment
1	Line
2	NC
3	NC
4	Out

IP67
 $\times = 54 \text{ mm}$
 $\phi = 12/17 \text{ mm}$
Order number: 002

Pin	Assignment
1	Line
2	NC
3	NC
4	Out

IP67
 $\times = 65 \text{ mm}$
 $\phi = 12/17 \text{ mm}$
Order number: 004

Pin	Assignment
1	Out
2	Out
3	Out
4	Out

IP67
 $\times = 71 \text{ mm}$
 $\phi = 12/18 \text{ mm}$
Order number: 007

Pin	Assignment
1	Line
2	Line
3	NC
4	Out

IP67
 $\times = 58 \text{ mm}$
 $\phi = 12/17 \text{ mm}$
Order number: 008

Pin	Assignment
1	Line
2	Out
3	Out

IP67
 $\times = 58 \text{ mm}$
 $\phi = 12/17 \text{ mm}$
Order number: 010

Cable connection

Cable	Assignment
red	Line
white	Out
black	Out

IP67
 $\times = 68 \text{ mm}$
(ø 20 mm band adjust)
cable length = 2 m
 $\phi = 12/17 \text{ mm}$
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.

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