



SUCO 0532 ELECTRONIC PRESSURE SWITCH

053225220B002

NPN output (Low Side), NO, 0-250 Bar, 7/16 – 20 UNF,
M12 - DIN EN 61076-2-101-A

- 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
Electrical connection	M12x1
Function	Normally open (SPST)
Output	NPN
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

$\Phi = 60/70 \text{ mm}^2$
 $\Phi = 30 \text{ mm}$
 Order number: 001

Pin	Assignment
1	Line
2	NC
3	NC
4	Out

$\Phi = 54 \text{ mm}$
 $\Phi = 27 \text{ mm}$
 Order number: 002

Pin	Assignment
1	Line
2	NC
3	NC
4	Out

$\Phi = 65 \text{ mm}$
 $\Phi = 27 \text{ mm}$
 Order number: 004

Pin	Assignment
1	Out
2	Out
3	Line

$\Phi = 71 \text{ mm}$
 $\Phi = 20 \text{ mm}$
 Order number: 007

Pin	Assignment
1	Line
2	Line
3	NC
4	Out

$\Phi = 58 \text{ mm}$
 $\Phi = 27 \text{ mm}$
 Order number: 008

Pin	Assignment
1	Line
2	Line
3	Out

$\Phi = 58 \text{ mm}$
 $\Phi = 27 \text{ mm}$
 Order number: 010

Cable connection

Cable	Assignment
red	Line
white	Out
black	Out

$\Phi = 68 \text{ mm}$
 (a 20 mm band adjust)
 cable length = 2 m
 $\Phi = 27 \text{ mm}$
 Order number: 011

Thread code: 41

Thread code: 03

Thread code: 04

Thread code: 09

Thread code: 05

Thread code: 20

Thread code: 21

Thread code: 42

$\Phi = 54 \text{ mm}$
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Connection diagrams

High load: $\Phi = 54 \text{ mm}$
 Low load: $\Phi = 27 \text{ mm}$

No component opening in each connector
 100% dry for 100%

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Technical modifications and errors excepted.

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