

Pressure sensors SPAB, with display



Pressure sensors SPAB

Key features

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At a glance

Variants:

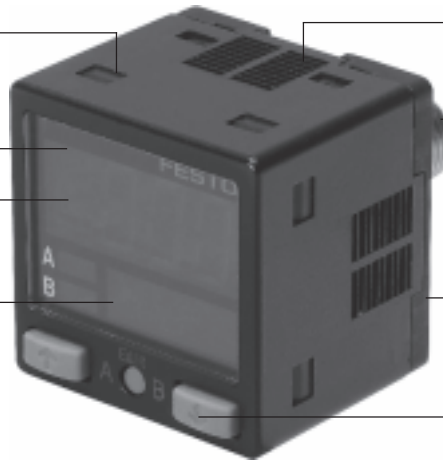
- Plug M8x1
- Plug, square design
- Cable version

Multi-coloured, two-part display

Alphanumeric pressure display

Displayable units:

- bar
- inchH₂O
- inchHG
- kgf/cm²
- kPa
- mmHg
- psi



Compact design
30 x 30 mm

Country-specific pressure
supply ports:
– G $\frac{1}{8}$
– R $\frac{1}{8}$
– NPT $\frac{1}{8}$ -27

Wall or front panel mounting

High ease of use thanks to
intuitive operator prompting

Product description

The pressure sensor SPAB can be used in all industries thanks to its wide range of connection and configuration options and its compact size. Switching point settings are emphasised via switching status indication and switching of the display value colour. Once programmed, the settings can be transferred to other pressure sensors SPAB.

Main applications

- Pressure/vacuum sensing
- Light assembly
- Wherever there is a need for space-saving pressure measurement with visualisation and limited robustness
- Easy identification of the system status by means of clear, colour-based switching status detection

Key features

- Pressure measuring range –1 ... +1 or 0 ... 10 bar
- Relative pressure measurement
- Pressure supply port G $\frac{1}{8}$, R $\frac{1}{8}$ or NPT $\frac{1}{8}$ -27
- Electrical connection cable, plug M8x1 or plug, square design
- Switching output PNP, NPN and analogue output
- Two-part, multi-coloured display
- Copy function (settings can be transferred from one device to another)
- Simple commissioning thanks to intuitive operation
- Compact design 30x30 mm

Pressure sensors SPAB, with display

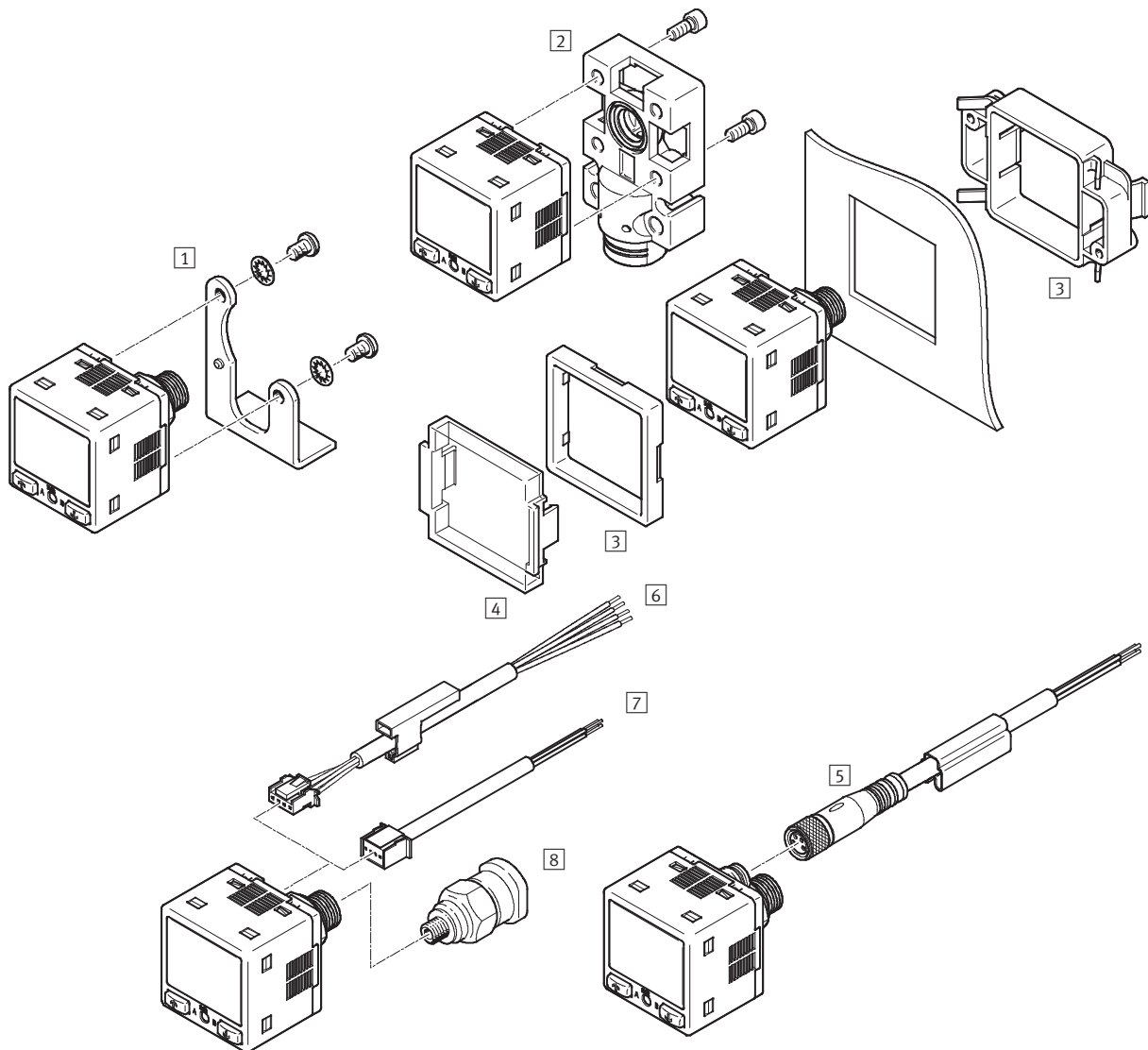
Product range overview

| Product range overview | | | | | | | |
|---|----------------------|--------------------------------|---------------------|--|---------------|-------------------|-----------|
| Measurement method | Measured variable | Pressure measuring range [bar] | Switching function | Pneumatic connection | | Electrical output | |
| | | | | Male thread | Female thread | Digital | Analogue |
| Piezoresistive pressure sensor with display | 1x relative pressure | -1 ... +1 or 0 ... 10 | Freely programmable | G $\frac{1}{8}$, R $\frac{1}{8}$ or NPT $\frac{1}{8}$ -27 | M5 | 1x PNP | 1 ... 5 V |
| | | | | | | 2x PNP | – |
| | | | | | | 1x NPN | 1 ... 5 V |
| | | | | | | 2x NPN | – |

Pressure sensors SPAB, with display

Peripherals overview

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| Accessories | → Page/ Internet |
|---|---------------------|
| 1 Mounting bracket SAMH-...-A | 11 |
| 2 Adapter plate SASF for pressure sensor SPAB-...-F | 12 |
| 3 Front panel installation kit SAMH-...-F | 11 |
| 4 Protective cover SACC | 11 |

| Accessories | → Page/ Internet |
|------------------------------|---------------------|
| 5 Connecting cable NEBU-M8 | 13 |
| 6 Connecting cable NEBS-L1G4 | 13 |
| 7 Connecting cable NEBU-L1G4 | 13 |
| 8 Push-in fitting QSM-M5 | 13 |

Pressure sensors SPAB, with display

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Type codes

| | | | | | | | | | | | |
|---------------------------------------|--|------|---|-----|---|---|-----|---|----|---|----|
| | | SPAB | - | P10 | R | - | G18 | - | PB | - | K1 |
| Type | | | | | | | | | | | |
| SPAB | Piezoresistive pressure sensor with multi-coloured display | | | | | | | | | | |
| Pressure measuring range [bar] | | | | | | | | | | | |
| B2 | -1 ... +1 | | | | | | | | | | |
| P10 | 0 ... 10 | | | | | | | | | | |
| Pressure input | | | | | | | | | | | |
| R | Relative pressure | | | | | | | | | | |
| Pneumatic connection | | | | | | | | | | | |
| G18 | Male thread G $\frac{1}{8}$ and female thread M5 | | | | | | | | | | |
| R18 | Male thread R $\frac{1}{8}$ and female thread M5 | | | | | | | | | | |
| N18 | Male thread NPT $\frac{1}{8}$ -27 and female thread M5 | | | | | | | | | | |
| F | Female thread M5 | | | | | | | | | | |
| Electrical output | | | | | | | | | | | |
| 2P | 2 switching outputs PNP | | | | | | | | | | |
| 2N | 2 switching outputs NPN | | | | | | | | | | |
| PB | 1 switching output PNP, 1 analogue output 1 ... 5 V | | | | | | | | | | |
| NB | 1 switching output NPN, 1 analogue output 1 ... 5 V | | | | | | | | | | |
| Electrical connection | | | | | | | | | | | |
| K1 | Cable, 2.5 m (included in the scope of delivery) | | | | | | | | | | |
| M8 | Plug M8x1 | | | | | | | | | | |
| L1 | Plug, L1 design | | | | | | | | | | |

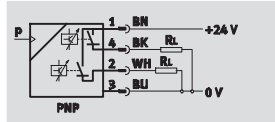
Pressure sensors SPAB, with display

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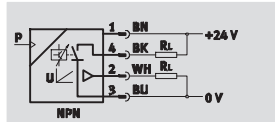
Technical data

Function


E.g. switching output 2x PNP




E.g. switching output NPN, analogue output



 - Voltage
12 ... 24 V DC

 - Pressure
-1 ... +10 bar

 - Temperature range
-10 ... +50 °C



| General technical data | | | |
|---|-------|--|----------|
| SPAB | | -B2 | -P10 |
| General information | | | |
| Certification | | cULus listed (OL) | |
| | | C-Tick | |
| CE mark (see declaration of conformity) | | To EU EMC Directive ¹⁾ | |
| Note on materials | | Contains PWIS (paint wetting impairment substances) | |
| | | RoHS-compliant | |
| Input signal/measuring element | | | |
| Measured variable | | Relative pressure | |
| Measurement method | | Piezoresistive pressure sensor with display | |
| Pressure measuring range | [bar] | -1 ... +1 | 0 ... 10 |
| Overload capacity | [bar] | 5 | 15 |
| Operating medium | | Filtered, unlubricated compressed air, grade of filtration 40 µm | |
| Ambient temperature | [°C] | -10 ... +50 | |

- 1) For information about the applicability of the component see the manufacturer's EC declaration of conformity at: www.festo.com → Support → User documentation.
If the component is subject to restrictions on usage in residential, office or commercial environments or small businesses, further measures to reduce the emitted interference may be necessary.

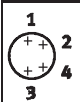
| Electrical data | | | | | | | | |
|--|---------------------|--------|---------|-----|--------|--------|---------|-----|
| SPAB | -B2 | | | | -P10 | | | |
| Electrical output | 2P | 2N | PB | NB | 2P | 2N | PB | NB |
| Switching output ¹⁾ | | | | | | | | |
| Switching output | 2x PNP | 2x NPN | PNP | NPN | 2x PNP | 2x NPN | PNP | NPN |
| Switching function | Freely programmable | | | | | | | |
| Switching element function | Switchable | | | | | | | |
| Accuracy of FS display [%] | 1 | | | | 2 | | | |
| Reproducibility of switching value [%] | 0.1 | | | | 0.2 | | | |
| Max. output current [mA] | 100 | | | | | | | |
| | | | | | | | | |
| Analogue output ¹⁾ | | | | | | | | |
| Analogue output [V] | – | | 1 ... 5 | | – | | 1 ... 5 | |
| Accuracy of analogue output zero point ±FS [%] | – | | 5 | | – | | 5 | |
| Accuracy of analogue output margin ±FS [%] | – | | 5 | | – | | 5 | |
| Reproducibility of analogue value [%] | – | | 0.2 | | – | | 0.2 | |
| | | | | | | | | |
| Output, additional data | | | | | | | | |
| Protection against short circuit | Yes | | | | | | | |

- 1) % FS = % of the measuring range final value (full scale)

Pressure sensors SPAB, with display

Technical data

| Electrical data | | | | | | | | |
|------------------------------|---|-----------|----|----|------|----|----|----|
| SPAB | -B2 | | | | -P10 | | | |
| Electrical output | 2P | 2N | PB | NB | 2P | 2N | PB | NB |
| Electronic components | | | | | | | | |
| Operating voltage range DC | [V] | 12 ... 24 | | | | | | |
| Reverse polarity protection | For operating voltage | | | | | | | |
| | | | | | | | | |
| Electromechanical components | | | | | | | | |
| Electrical connection | Plug M8x1, 4-pin, round design to EN 60 947-5-2 | | | | | | | |
| | Plug, 4-pin, square design | | | | | | | |
| | Cable, 4-wire, 2.5 m | | | | | | | |

| Pin allocation to EN 60947-5-2 | | | |
|---|-----|-------------|--|
| Plug, 4-pin | | | |
| M8x1 | Pin | Wire colour | Allocation |
|  | 1 | Brown | Operating voltage +24 V DC |
| | 3 | Blue | 0 V |
| | 4 | Black | Switching output (Out A) |
| | 2 | White | Switching output (Out B)/analogue output |

| Mechanical components | | | | |
|-----------------------|------------------|------------------|-----------------------|-------------|
| SPAB | -G18 | -R18 | -N18 | -F |
| Type of mounting | Screw-in | | | On sub-base |
| | Via accessories | | | – |
| Pneumatic connection | Female thread M5 | | | |
| | Male thread G1/8 | Male thread R1/8 | Male thread NPT1/8-27 | – |
| Product weight | [g] | 45 | | 30 |
| Housing materials | ABS, reinforced | | | |
| | PBT, reinforced | | | |

| Display/operation | |
|-------------------------------|---------------------------------|
| Display type | Illuminated LCD, multi-coloured |
| Displayable units | bar |
| | kgf/cm ² |
| | inchHg |
| | mmHg |
| | kPa |
| | inchH ₂ O |
| | psi |
| Switching status display | Yellow LCD |
| Setting options | Teach-in |
| | Via display and keys |
| Tamper protection | PIN code |
| Threshold value setting range | [%] 0 ... 100 |
| Hysteresis setting range | [%] 0 ... 90 |

| Immissions/emissions | |
|--|------|
| Protection class | IP40 |
| Corrosion resistance class CRC ¹⁾ | 2 |

1) Corrosion resistance class 2 according to Festo standard 940 070
Components subject to moderate corrosion stress. Externally visible parts with primarily decorative surface requirements which are in direct contact with a normal industrial environment or media such as coolants or lubricating agents.

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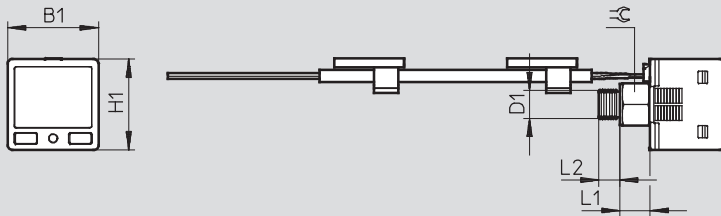
Technical data

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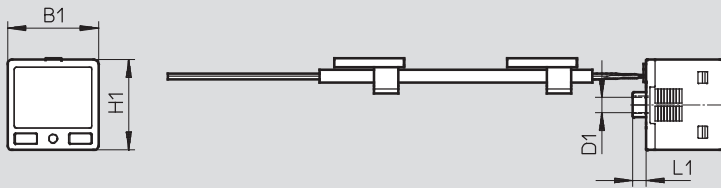
Dimensions


Download CAD data → www.festo.com

SPAB-...-K1



SPAB-...-F-...-K1



| Type | B1 | D1 | H1 | L1 | L2 |  |
|---------------------|----|--------|----|-----|-----|---|
| SPAB-...-G18-...-K1 | 30 | G1/8 | 30 | 10 | 7 | 14 |
| SPAB-...-R18-...-K1 | 30 | R1/8 | 30 | 9.5 | 7.5 | 12 |
| SPAB-...-N18-...-K1 | 30 | NPT1/8 | 30 | 9.5 | 7.5 | 12 |
| SPAB-...-F-...-K1 | 30 | M5 | 30 | 4.4 | – | – |

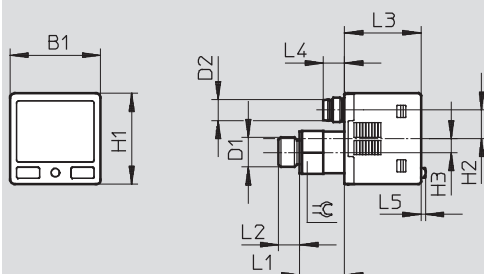
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Technical data

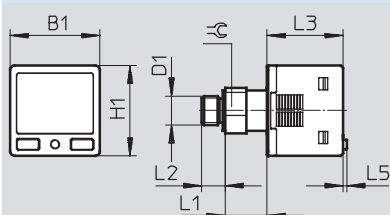
Dimensions

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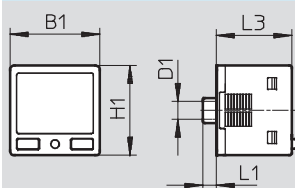
SPAB-...-M8



SPAB-...-L1



SPAB-...-F-...-L1



































| Type | B1 | D1 | D2 | H1 | H2 | H3 | L1 | L2 | L3 | L4 | L5 | ≙ |
|---------------------|----|-------------------|------|----|-----|-----|-----|-----|-----|----|----|----|
| SPAB-...-G18-...-M8 | 30 | G $\frac{1}{8}$ | M8x1 | 30 | 9.2 | 4.5 | 15 | 7 | ~25 | 7 | 1 | 14 |
| SPAB-...-R18-...-M8 | 30 | R $\frac{1}{8}$ | M8x1 | 30 | 9.2 | 4.5 | 14 | 9.5 | ~25 | 7 | 1 | 12 |
| SPAB-...-N18-...-M8 | 30 | NPT $\frac{1}{8}$ | M8x1 | 30 | 9.2 | 4.5 | 14 | 9.5 | ~25 | 7 | 1 | 12 |
| SPAB-...-G18-...-L1 | 30 | G $\frac{1}{8}$ | – | 30 | – | – | 15 | 7 | ~25 | – | 1 | 14 |
| SPAB-...-R18-...-L1 | 30 | R $\frac{1}{8}$ | – | 30 | – | – | 14 | 9.5 | ~25 | – | 1 | 12 |
| SPAB-...-N18-...-L1 | 30 | NPT $\frac{1}{8}$ | – | 30 | – | – | 14 | 9.5 | ~25 | – | 1 | 12 |
| SPAB-...-F-...-L1 | 30 | M5 | – | 30 | – | – | 4.4 | – | ~25 | – | – | – |

Pressure sensors SPAB, with display

Technical data

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| Ordering data | | | | | | | | | |
|-----------------------------------|-------------------|-----------|-----------------------|---------------------|-----------|---------------------|---------------------|---------------------|---|
| Pressure measuring range [bar] | Electrical output | | Electrical connection | | | | | | |
| | | | Cable ¹⁾ | | Plug M8x1 | | Plug, square design | | |
| | Digital | Analogue | Part No. | Type | Part No. | Type | Part No. | Type | |
| Male thread G $\frac{1}{8}$ | | | | | | | | | |
| -1 ... +1 | 1x PNP | 1 ... 5 V | 552356 | SPAB-B2R-G18-PB-K1 | 553152 | SPAB-B2R-G18-PB-M8 | 8000051 | SPAB-B2R-G18-PB-L1 |  |
| | 2x PNP | – | 552350 | SPAB-B2R-G18-2P-K1 | 553146 | SPAB-B2R-G18-2P-M8 | 8000045 | SPAB-B2R-G18-2P-L1 |  |
| | 1x NPN | 1 ... 5 V | 552359 | SPAB-B2R-G18-NB-K1 | 553155 | SPAB-B2R-G18-NB-M8 | 8000054 | SPAB-B2R-G18-NB-L1 |  |
| | 2x NPN | – | 552353 | SPAB-B2R-G18-2N-K1 | 553149 | SPAB-B2R-G18-2N-M8 | 8000048 | SPAB-B2R-G18-2N-L1 |  |
| 0 ... 10 | 1x PNP | 1 ... 5 V | 552368 | SPAB-P10R-G18-PB-K1 | 553164 | SPAB-P10R-G18-PB-M8 | 8000063 | SPAB-P10R-G18-PB-L1 |  |
| | 2x PNP | – | 552362 | SPAB-P10R-G18-2P-K1 | 553158 | SPAB-P10R-G18-2P-M8 | 8000057 | SPAB-P10R-G18-2P-L1 |  |
| | 1x NPN | 1 ... 5 V | 552371 | SPAB-P10R-G18-NB-K1 | 553167 | SPAB-P10R-G18-NB-M8 | 8000066 | SPAB-P10R-G18-NB-L1 |  |
| | 2x NPN | – | 552365 | SPAB-P10R-G18-2N-K1 | 553161 | SPAB-P10R-G18-2N-M8 | 8000060 | SPAB-P10R-G18-2N-L1 |  |
| Male thread R $\frac{1}{8}$ | | | | | | | | | |
| -1 ... +1 | 1x PNP | 1 ... 5 V | 552357 | SPAB-B2R-R18-PB-K1 | 553153 | SPAB-B2R-R18-PB-M8 | 8000052 | SPAB-B2R-R18-PB-L1 |  |
| | 2x PNP | – | 552351 | SPAB-B2R-R18-2P-K1 | 553147 | SPAB-B2R-R18-2P-M8 | 8000046 | SPAB-B2R-R18-2P-L1 |  |
| | 1x NPN | 1 ... 5 V | 552360 | SPAB-B2R-R18-NB-K1 | 553156 | SPAB-B2R-R18-NB-M8 | 8000055 | SPAB-B2R-R18-NB-L1 |  |
| | 2x NPN | – | 552354 | SPAB-B2R-R18-2N-K1 | 553150 | SPAB-B2R-R18-2N-M8 | 8000049 | SPAB-B2R-R18-2N-L1 |  |
| 0 ... 10 | 1x PNP | 1 ... 5 V | 552369 | SPAB-P10R-R18-PB-K1 | 553165 | SPAB-P10R-R18-PB-M8 | 8000064 | SPAB-P10R-R18-PB-L1 |  |
| | 2x PNP | – | 552363 | SPAB-P10R-R18-2P-K1 | 553159 | SPAB-P10R-R18-2P-M8 | 8000058 | SPAB-P10R-R18-2P-L1 |  |
| | 1x NPN | 1 ... 5 V | 552372 | SPAB-P10R-R18-NB-K1 | 553168 | SPAB-P10R-R18-NB-M8 | 8000067 | SPAB-P10R-R18-NB-L1 |  |
| | 2x NPN | – | 552366 | SPAB-P10R-R18-2N-K1 | 553162 | SPAB-P10R-R18-2N-M8 | 8000061 | SPAB-P10R-R18-2N-L1 |  |
| Male thread NPT $\frac{1}{8}$ -27 | | | | | | | | | |
| -1 ... +1 | 1x PNP | 1 ... 5 V | 552358 | SPAB-B2R-N18-PB-K1 | 553154 | SPAB-B2R-N18-PB-M8 | 8000053 | SPAB-B2R-N18-PB-L1 |  |
| | 2x PNP | – | 552352 | SPAB-B2R-N18-2P-K1 | 553148 | SPAB-B2R-N18-2P-M8 | 8000047 | SPAB-B2R-N18-2P-L1 |  |
| | 1x NPN | 1 ... 5 V | 552361 | SPAB-B2R-N18-NB-K1 | 553157 | SPAB-B2R-N18-NB-M8 | 8000056 | SPAB-B2R-N18-NB-L1 |  |
| | 2x NPN | – | 552355 | SPAB-B2R-N18-2N-K1 | 553151 | SPAB-B2R-N18-2N-M8 | 8000050 | SPAB-B2R-N18-2N-L1 |  |
| 0 ... 10 | 1x PNP | 1 ... 5 V | 552370 | SPAB-P10R-N18-PB-K1 | 553166 | SPAB-P10R-N18-PB-M8 | 8000065 | SPAB-P10R-N18-PB-L1 |  |
| | 2x PNP | – | 552364 | SPAB-P10R-N18-2P-K1 | 553160 | SPAB-P10R-N18-2P-M8 | 8000059 | SPAB-P10R-N18-2P-L1 |  |
| | 1x NPN | 1 ... 5 V | 552373 | SPAB-P10R-N18-NB-K1 | 553169 | SPAB-P10R-N18-NB-M8 | 8000068 | SPAB-P10R-N18-NB-L1 |  |
| | 2x NPN | – | 552367 | SPAB-P10R-N18-2N-K1 | 553163 | SPAB-P10R-N18-2N-M8 | 8000062 | SPAB-P10R-N18-2N-L1 |  |
| Female thread M5 | | | | | | | | | |
| -1 ... +1 | 1x PNP | 1 ... 5 V | 570795 | SPAB-B2R-F-PB-K1 | – | | 8000071 | SPAB-B2R-F-PB-L1 |  |
| | 2x PNP | – | 570793 | SPAB-B2R-F-2P-K1 | | | 8000069 | SPAB-B2R-F-2P-L1 |  |
| | 1x NPN | 1 ... 5 V | 570796 | SPAB-B2R-F-NB-K1 | | | 8000072 | SPAB-B2R-F-NB-L1 |  |
| | 2x NPN | – | 570794 | SPAB-B2R-F-2N-K1 | | | 8000070 | SPAB-B2R-F-2N-L1 |  |
| 0 ... 10 | 1x PNP | 1 ... 5 V | 570799 | SPAB-P10R-F-PB-K1 | | | 8000075 | SPAB-P10R-F-PB-L1 |  |
| | 2x PNP | – | 570797 | SPAB-P10R-F-2P-K1 | | | 8000073 | SPAB-P10R-F-2P-L1 |  |
| | 1x NPN | 1 ... 5 V | 570800 | SPAB-P10R-F-NB-K1 | | | 8000076 | SPAB-P10R-F-NB-L1 |  |
| | 2x NPN | – | 570798 | SPAB-P10R-F-2N-K1 | | | 8000074 | SPAB-P10R-F-2N-L1 |  |

1) Connecting cable NEBU-L1 ... (2.5 m long) included in the scope of delivery.

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Accessories

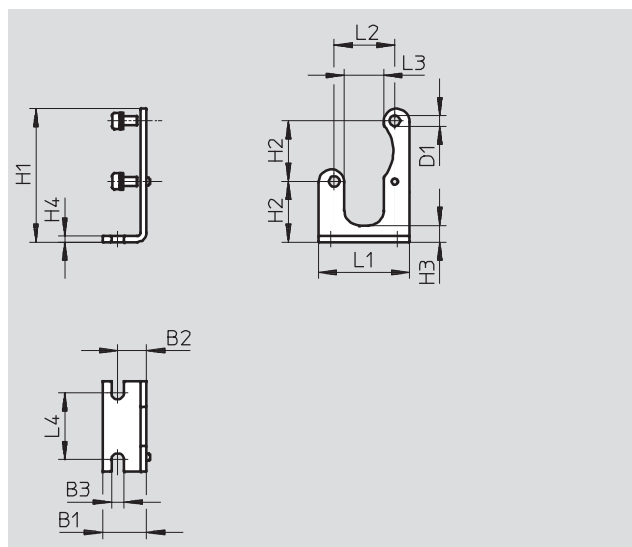
Mounting bracket SAMH

Material:

Galvanised chromated steel

Note on materials:

RoHS-compliant



| Dimensions and ordering data | | | | | | | | | | | | | Part No. | Type |
|------------------------------|-----|-----|---------|-----|----|-----|----|----|----|----|----|--|----------|-----------|
| B1 | B2 | B3 | D1 Ø | H1 | H2 | H3 | H4 | L1 | L2 | L3 | L4 | | | |
| 14.5 | 9.5 | 4.2 | 3.5 | ~44 | 20 | 5.5 | 2 | 30 | 20 | 13 | 22 | | 552376 | SAMH-P4-A |

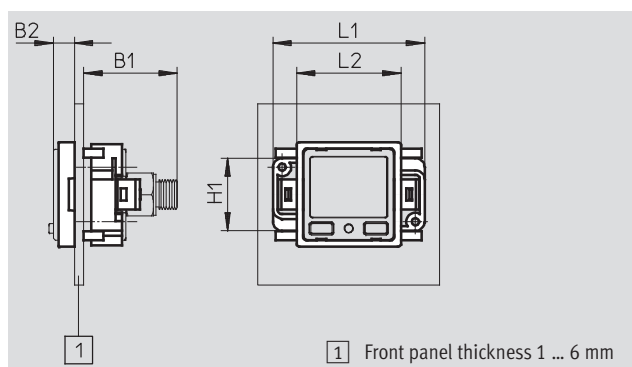
Front panel installation kit SAMH

Materials:

PC, POM

Note on materials:

RoHS-compliant



| Ordering data | | | | | | Part No. | Type |
|---------------|----|----|----|------|--|----------|-----------|
| B1 | B2 | H1 | L1 | L2 | | | |
| ~31 | 7 | 24 | 50 | 34.5 | | 552377 | SAMH-P4-F |

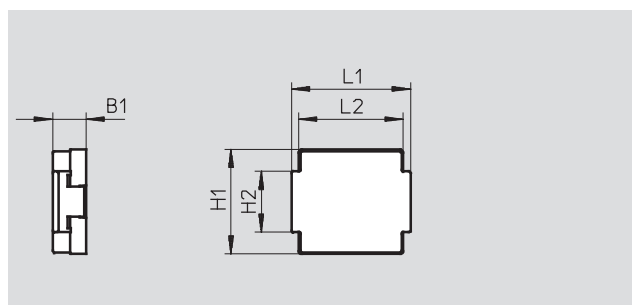
Protective cover SACC

Material:

PC

Note on materials:

RoHS-compliant



| Dimensions and ordering data | | | | | | Part No. | Type |
|------------------------------|------|----|------|------|--|----------|-----------|
| B1 | H1 | H2 | L1 | L2 | | | |
| ~28 | 34.5 | 20 | 39.3 | 34.5 | | 552378 | SACC-P4-G |

Pressure sensors SPAB, with display

Accessories

FESTO

Adapter plate SASF

for pressure sensor SPAB-...-F

Materials:

PBT-reinforced

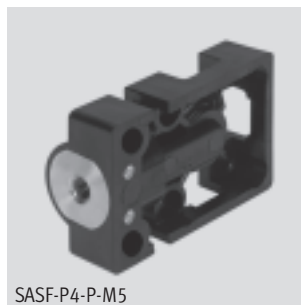
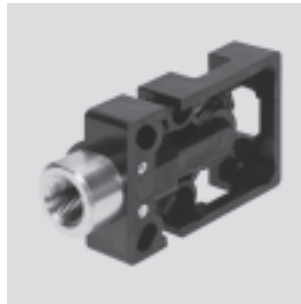
High-alloy stainless steel

HNBR

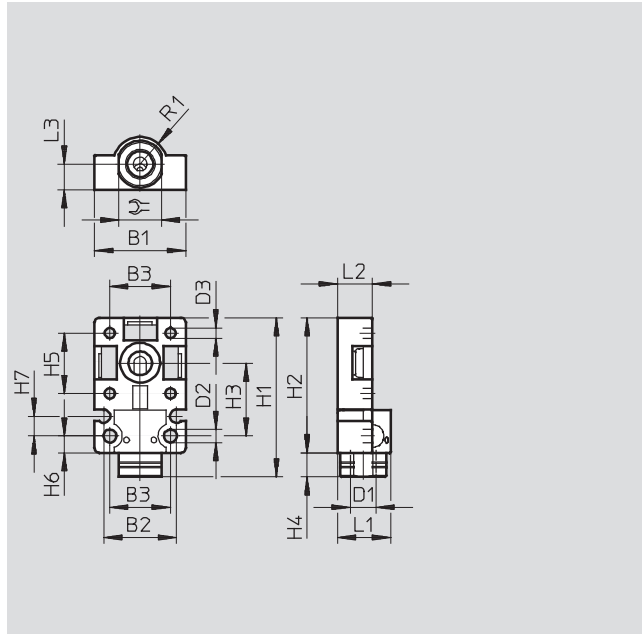
Note on materials:

Contains PWIS (paint wetting
impairment substances)

RoHS-compliant



SASF-P4-P-M5



Note

To differentiate the adapter plates
R $\frac{1}{8}$, G $\frac{1}{8}$ and NPT $\frac{1}{8}$, they are
identified as follows at the
pneumatic connection:

- R $\frac{1}{8}$ No line
- NPT $\frac{1}{8}$ One line
- G $\frac{1}{8}$ Two lines







| Dimensions and ordering data | | | | | | | | | | | | | | | | | | | | |
|------------------------------|----|----|--------|---------|---------|------|------|----|----|----|-----|-----|------|------|-----|----|----|----------|---------------|---|
| B1 | B2 | B3 | D1 | D2 Ø | D3 Ø | H1 | H2 | H3 | H4 | H5 | H6 | H7 | L1 | L2 | L3 | R1 | ≡ | Part No. | Type | |
| 30 | 24 | 20 | R1/8 | 4.3 | 3.4 | 52.5 | 44.5 | 24 | 8 | 20 | 5.5 | 6.5 | 17.5 | 11.5 | 8.5 | 9 | 14 | 570801 | SASF-P4-P-R18 | ☯ |
| | | | G1/8 | | | | | | | | | | | | | | | 570802 | SASF-P4-P-G18 | ☯ |
| | | | NPT1/8 | | | | | | | | | | | | | | | 570803 | SASF-P4-P-N18 | ☯ |
| 30 | 24 | 20 | M5 | 4.3 | 3.4 | — | 44.5 | 24 | — | 20 | 5.5 | 6.5 | 17.5 | 11.5 | 8.5 | 9 | — | 570804 | SASF-P4-P-M5 | ☯ |

1) Corrosion resistance class 2 according to Festo standard 940 070


Components subject to moderate corrosion stress. Externally visible parts with primarily decorative surface requirements which are in direct contact with a normal industrial environment or media such as coolants or lubricating agents.

Pressure sensors SPAB, with display

Accessories

| Ordering data – Connecting cables | | | | | Technical data ➔ Internet: nebu | |
|---|--------------------------------|-----------------|------------------|----------|---|--|
| | Designation | Number of wires | Cable length [m] | Part No. | Type | |
| M8x1 | | | | | | |
|  | Straight socket | 4 | 2.5 | 541342 | NEBU-M8G4-K-2.5-LE4 | |
| | | | 5 | 541343 | NEBU-M8G4-K-5-LE4 | |
|  | Angled socket | 4 | 2.5 | 541344 | NEBU-M8W4-K-2.5-LE4 | |
| | | | 5 | 541345 | NEBU-M8W4-K-5-LE4 | |
| | | | | | | |
| Circuit board plug connector | | | | | | |
|  | Straight socket, square design | 4 | 2.5 | 552374 | NEBU-L1G4-K-2.5-LE4 ¹⁾ | |
| | | | 5 | 552375 | NEBU-L1G4-K-5-LE4 | |
|  | Socket, rectangular design L1 | 4 | 2.5 | 572576 | NEBS-L1G4-K-2.5-LE4  | |
| | | | 5 | 572577 | NEBS-L1G4-K-5-LE4  | |

1) Included in the scope of delivery with SPAB-...-K1.

| Ordering data – Push-in fittings | | | | Technical data → Internet: quick star | |
|---|----------------------|----------------------|----------|---------------------------------------|--|
| | Pneumatic connection | For tubing O.D. [mm] | Part No. | Type | |
|  | M5 | 4 | 153304 | QSM-M5-4 | |
| | | 6 | 153306 | QSM-M5-6 | |