

Pressure sensor SPAN-B-...

FESTO



Effortless operation!

Highlights

- Straightforward transfer of parameters to other devices
- Easy-to-read high-contrast display
- Simplified warehousing thanks to the ability to switch between PNP and NPN

It has never been easier to get information about air pressure.

With the pressure sensor SPAN-B you will be able to make sound decisions about saving air, energy and costs. Getting started couldn't be more straightforward thanks to quick and easy commissioning. And configuring other sensors is even simpler, since the settings can be replicated from the master sensor.

Easy replication of values

With SPAN-B, you can transfer the parameter records to many other identical sensors via the master sensor. This feature saves a huge amount of time, as do the intuitive operation, high-contrast display and freely selectable pressure units. You can choose from bar, kPa, MPa, psi, mmHg or inchHg for the pressure unit you want to use. And the large display means you can always keep an eye on the values.

Low cost and compact

The compact housing of SPAN-B at just 30 x 30 mm and its excellent value for money mean it can be used virtually everywhere. SPAN-B is electrically compatible with all controllers. You simply select PNP or NPN on the sensor.

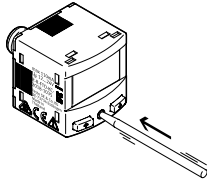
SPAN-B provides certainty

Pressure monitoring helps to save energy and reduce air losses. You can also detect pressure fluctuations and anomalies in the system, and switch off the air supply when the machine is idle to reduce consumption.

Pressure sensor SPAN-B-...

Switchover function reduces warehousing

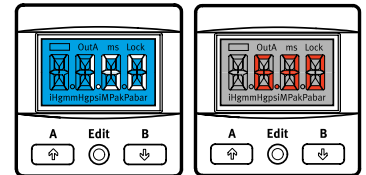
NPN ↔ PNP
selectable



NO ↔ NC
selectable

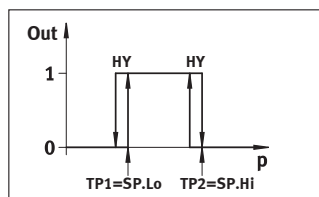
Colour switchover for reading from a distance

High-contrast
7-segment display

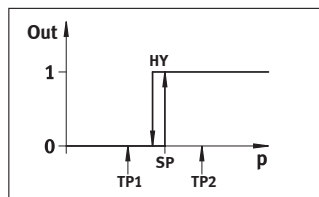


Monitoring support through threshold value and window comparators

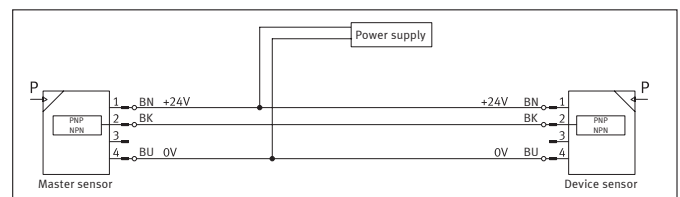
Window comparator for
monitoring process stability



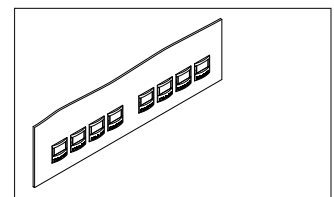
Threshold value comparator
for monitoring pressure or
vacuum supply



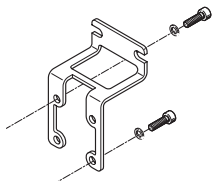
Replication of settings for time-saving commissioning



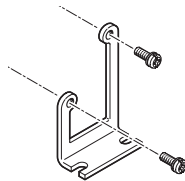
Example of a display bar, e.g. for
monitoring vacuum for multiple
suction cups



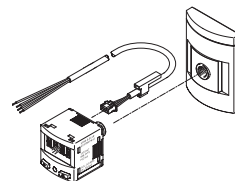
Mounting options



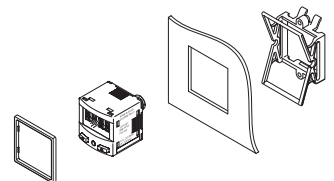
Wall mounting



Mounting via bracket

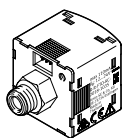


Mounting via thread

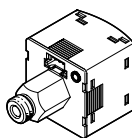


Front panel mounting

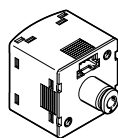
Connection options: pneumatic



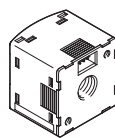
G18M



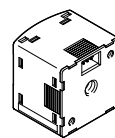
R18M



Q4



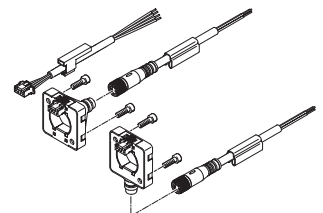
G18FPM



M5FAL

Suitable for battery production

Electric



L1 connection or M8 plug with adapter

Technical data

Type	SPAN-B-...
Pressure range	-1 ... 10 bar (-0.1 ... 1 MPa) pressure/-1 ... 1 bar (-0.1 ... 0.1 MPa) pressure/0 ... -1 bar (0 ... -0.1 MPa) vacuum
Operating voltage	12 ... 24 V DC
Menu settings	Parameter entry: Threshold entry via menu or teach-in/hysteresis definition/zero-point adjustment (manually up to ±3% FS)/zero-point masking (0 .. 1.5% FS)/reset function/key lock function/pressure unit switchover, economy mode/error code display/response time setting (filter)/unit switchover