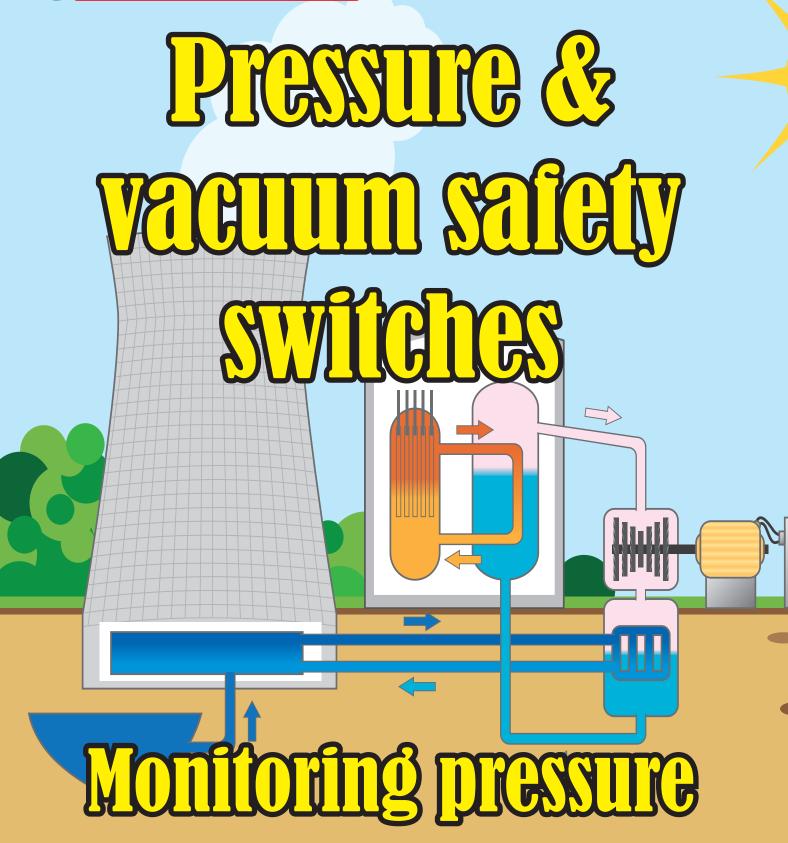
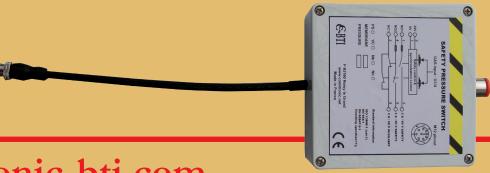
COMITRONIC - BTI





www.comitronic-bti.com



Pressure & Vacuum safety switches

Application:

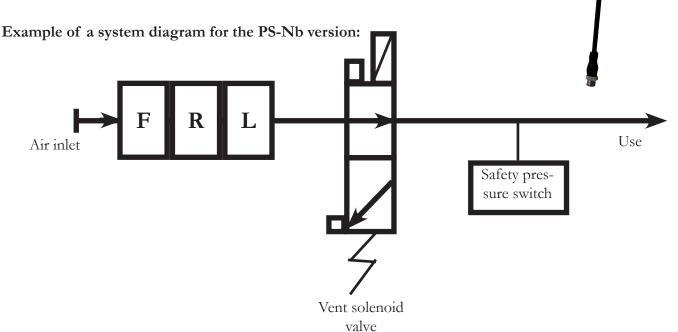
Control of low or high pressure by dual redundant pneumatic circuits with discrepancy monitoring system to ensure the compliance of applications.

Version PS-Nb:

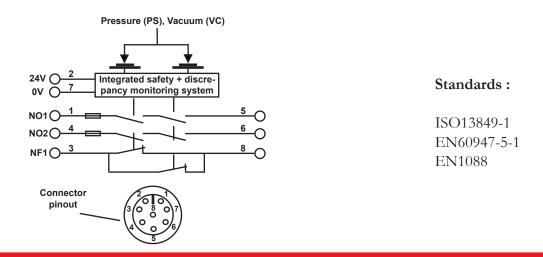
To authorize the opening of a machine guard after the low-pressure threshold or venting of a pneumatic system have been checked. Safety contacts are closed below the setting level.

Version PS-Nh:

To shut off a system in the event of underpressure, safety contacts are opened below the setting level.



Wiring diagram/circuit layout:

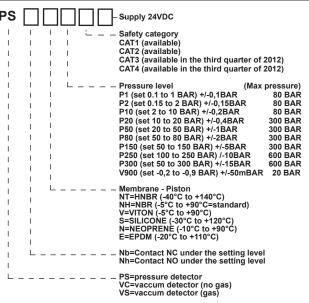




Pressure & Vacuum safety switches

Product selection:

Range	Standards	Conformity	Categorie
PS-CAT1	EN 60947-5-1	CE	1 ISO 13849-1
VC-CAT1	EN 60947-5-1	CE	1 ISO 13849-1
VS-CAT1	EN 60947-5-1	CE	1 ISO 13849-1



PL=c ISO 13849-1 Cat=1 ISO 13849-1 MTTFd=high B10d=100 000 Cycle=1/day In=AC15-2 A / 24 V TM=20 years Checking operation=1/y

Safety vacuum switch:

VS model monitors vacuum levels in food packaging, safety control of vacuum pumps.

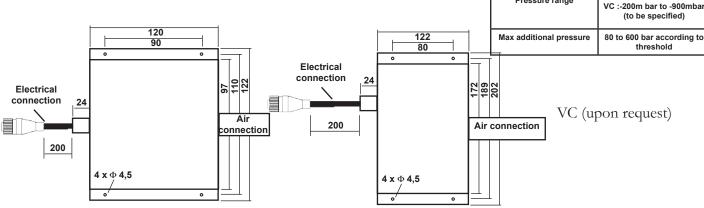
VC model monitors fluid levels.

Installation and wiring:

Use 4 x M4 flat-head screws to fix it. The housing includes a gland equipped with an M12 cable 20 cm long. The product is fitted with a DIN 8 mm G1/4 connection for an 8 mm tube.

Sizes CAT1/2 Version:

Sizes CAT3/4 Version: (Available soon)



Technical Features:

Power supply

24 VDC +10%/-15%

COMITRONIC - BTI

RISK ASSESSMENT

Our experiences



Chemical / petrochemical industry BTI is certified INERIS 08ATEXQ404





Food industry / pharmaceuticals / cosmetics BTI produces 316L St. Steel products



BTI has a worldwide network of distributors. BTI R&D designs some products to meet your needs in our factory in Marne la vallée

Our technological know how to your disposition

Founded in 1988 in the machine safety field.

BTI is the designer of the first multicoded, non contact and stand-alone safety switch with the original ACOTOM Process. Since 1993, Bti is offering you his collaboration, his expertise and engineering to:

- Determine and assess the risks of your machines
- Define together the risk assessment acc. to ISO 14121.
- Find together the best solution, the products, and the machines best practices.

Choose the right partner

COMITRONIC

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E-mail: export@comitronic-bti.net http://www.comitronic-bti.com



The traceability is mandatory to fullfil the safety standards requirements









