



0520

Electronic pressure switches

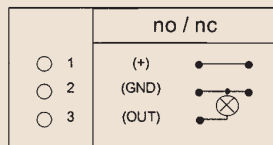
Zinc-plated steel body
Ceramic sensor with thick film technology
Supply voltage 18 – 36 VDC
Overpressure safe to **290/2175/7250** psi¹⁾
Differential programmable in our factory from 2 – 95%

- Simple, mechanical adjustment of switching point

With female thread



- Also available with switching point preset in our factory.



- For further technical data, see page 51

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Adjustment range in psi	Differential ²⁾ in psi	Thread	p _{max.} in psi	Burst pressure in psi	SPST-NO (normally open) → :		SPST-NC (normally closed) → :	
0 – 145	7.25	1/4" BSPP female	290 ¹⁾	363	0520 470 14	001	0520 471 14	001
0 – 1450	72.5		2175 ¹⁾	2538	0520 472 14	001	0520 473 14	001
0 – 3625	145		7250 ¹⁾	8700	0520 474 14	001	0520 475 14	001

! Order number Add figure for diaphragm/seal material **0520** XXX XX **X** XXX **0520** XXX XX **X** XXX

Diaphragm/Seal Material	Hydraulic / machine oil, turpentine, heating oil, air etc.	Hydrogen, acetylene, ozone, brake fluid etc.	Hydraulic fluids (HFA, HFB, HFC, HFD), petrol/gasoline etc.
NBR (BunaN)	= 1	= 1	= 3
EPDM	= 2	= 2	= 3
FKM	= 3	= 3	= 3

See page 51 for temperature ranges of diaphragm / seal materials

Warning!

When using with oxygen, the relevant accident-prevention regulations must be observed. In addition, we recommend that a maximum operating pressure of 145 psi is not exceeded.

¹⁾ Static pressure, dynamic pressures should be 30 to 50% lower. These values refer to the hydraulic or pneumatic part of the pressure switch.

²⁾ Factory set, if no special customer request.

Degree of protection IP65

The type approval does not apply without restriction to all environmental conditions. It is the responsibility of the user to check whether the connection complies with regulations other than those stated, and whether it can be used for special applications which could not be foreseen by us in advance.