



- Zinc-plated steel body (CrVI-free)
- Ceramic sensor of thick film technology
- High accuracy
- Supply voltage 18 – 36 VDC
- Overpressure safe to 20 / 150 / 500 bar¹⁾
- Hysteresis programmable in our works from 2 – 95 % FS
- Simple, mechanical adjustment of switching point
- Socket device included

With female thread



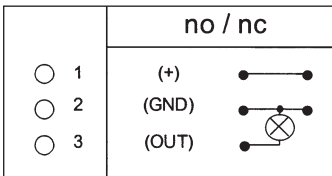
$p_{max.}$ in bar	Burst pressure in bar	Adjustment range in bar	Hysteresis ²⁾ in bar	Thread	Order number:
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0520 Electronic pressure switches normally open (no) → |:

$p_{max.}$	Burst pressure	Adjustment range	Hysteresis	Thread	Order number
20 ¹⁾	25	0 – 10	0.5 ²⁾	G 1/4 female	0520 470 14 X 001
150 ¹⁾	175	0 – 100	5 ²⁾		0520 472 14 X 001
500 ¹⁾	600	0 – 250	10 ²⁾		0520 474 14 X 001

0520 Electronic pressure switches normally closed (nc) → |:

$p_{max.}$	Burst pressure	Adjustment range	Hysteresis	Thread	Order number
20 ¹⁾	25	0 – 10	0.5 ²⁾	G 1/4 female	0520 471 14 X 001
150 ¹⁾	175	0 – 100	5 ²⁾		0520 473 14 X 001
500 ¹⁾	600	0 – 250	10 ²⁾		0520 475 14 X 001



Seal material – areas of application

NBR	Hydraulic / machine oil, heating oil, air, nitrogen etc.	1
EPDM	Brake fluid, ozone, acetylene, hydrogen etc.	2
FKM	Hydraulic fluids (HFA, HFB, HFD), petrol/gasoline etc.	3

See page 55 for temperature ranges of seal materials

Order number:	0520 -XXX 14 -X - 001
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■ Our pressure switches are also available with factory preset switching points.

■ For further technical data and electrical values see page 55.

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.