



Electronic Pressure Switches

	Model 0520	Model 0570
Body Material	Zinc plated steel body	Aluminum and zinc die-cast body
Range	1,000 to 25,000 kPa	1,000 to 40,000 kPa
Max. Pressure Rating Static	Adjustment range to 1,000 kPa = 2,000 kPa (290 PSI) Adjustment range to 10,000 kPa = 15,000 kPa (2175 PSI) Adjustment range to 25,000 kPa = 50,000 kPa (7250 PSI)	Adjustment range to 1,000 kPa = 2,000 kPa (290 PSI) Adjustment range to 10,000 kPa = 15,000 kPa (2175 PSI) Adjustment range to 40,000 kPa = 60,000 kPa (8700 PSI)
Sensor	Ceramic sensor with thick film technology	Ceramic sensor with thick film technology
Switching function	Normally Open / Normally Closed	Normally Open / Normally Closed programmable. time-delayed switching, zero-resetting, peak value memory (within setting range), switch-point counter
Hysteresis	2-95% programmable by supplier	1-99% programmable using key pad
Pressure Display	-	Current pressure can be shown in bar or PSI
Outputs	Transistor output (1.4A / PNP)	2 Transistor outputs (each 1.4A / PNP) 1 Analogue output (4-20 mA)
Supply Voltage	18-36 VDC	12-30 VDC
Adjustment	On site by customer using a screwdriver	Programmable using key pad on front face
Protection	IP65	IP65
Switching Time	< 4 ms	< 4 ms
Mechanical Life	5 x 10 ⁶ operations	5 x 10 ⁶ operations
Temperature Range	-5 to 80° C	-20 to 80° C
Connection	1/4" BSP female	1/4" BSP female
Seal Type	Viton (FKM)	NBR

The 0520 Electronic Pressure Switch

Stock Ranges: (for pricing see page 16 of Item Price List)

Adjustment Ranges	Contact	Part No.
0 - 1000 kPa	0 - 145 PSI	0520-47014-3-001
0 - 10000 kPa	0 - 1450 PSI	0520-47214-3-001
0 - 25000 kPa	0 - 3625 PSI	0520-47414-3-001
0 - 1000 kPa	0 - 145 PSI	0520-47114-3-001
0 - 10000 kPa	0 - 1450 PSI	0520-47314-3-001
0 - 25000 kPa	0 - 3625 PSI	0520-47514-3-001



The 0570 Electronic Pressure Switch

Stock Ranges: (for pricing see page 16 of Item Price List)

Adjustment Ranges	Part No.
0 - 1000 kPa	0570 46714 1 001
10 - 10000 kPa	0570 46814 1 001
100 - 40000 kPa	0570 46914 1 001

(for pricing see pages 19 of Item Price List)

Switch point & hysteresis setting	99 100 661
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Options: EPDM or FKM (Viton) sealing material.

Warning! When using with oxygen, the relevant accident-prevention regulations must be observed. In addition, we recommend that a maximum operating pressure of 1,000 kPa (145 PSI) is not exceeded. All prices exclude GST. We reserve the right to change technical specifications & prices without prior notice.