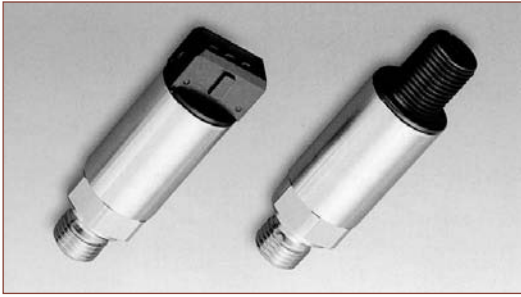


ELECTRONIC PRESSURE SWITCHES

TYPE 511



Relative Pressure -1 to 600 bar, Absolute 0 to 25 bar

The electronic pressure switch of product range 511 meets the highest demands for operational security and are especially suitable for demanding industrial applications.

The switching points are laser adjusted acc. to the customers specifications.

Upper switching point	8 ... 100% fs
Lower switching point	5 ... 97% fs

Switching contact:

N/O contact	Highside-Switch (PNP)
N/O contact	Lowside-Switch (NPN)
N/C contact	Highside-Switch (PNP)
N/C contact	Lowside-Switch (NPN)
Switching capacity 150mA (Highs.)	
500mA (Lows.) at max.power supply.	

Accuracy of switching point adjustments	$< \pm 1\%$ fs
Repeatability	$< \pm 0.1\%$ fs
TC zero point	$< \pm 0.015\%$ fs/K
TC sensitivity	$< \pm 0.015\%$ fs/K
Pressure connect	Inside thread G 1/4 Outside thread G1/4, R1/4, M12x1.5, M14x1.5

Partial automatic production for customer specific lots from 250 pieces on

TYPE 615



Relative Pressure -1 to 600, Absolute 0 to 16 bar

The switching points of the electronic pressure switch TYPE 615 can be adjusted using the potentiometer by the customer or in the factory. There is a wide variety of pressure- and electronic connections available.

Repeatability	$< \pm 0.5\%$ fs
TC zero point	$< \pm 0.05\%$ fs/K
TC sensitivity	$< \pm 0.02\%$ fs/K

Type 615 and Type 616

Upper switching point	8 ... 100% fs
Lower switching point	5 ... 97% fs

Switching contact:

N/C contact	NPN / PNP
N/O contact	PNP / NPN
Contact rating 100mA at max. power supply voltage	
Accuracy of adjustment $< \pm 1\%$ fs	

ELECTRONIC PRESSURE SWITCHES

TYPE 616



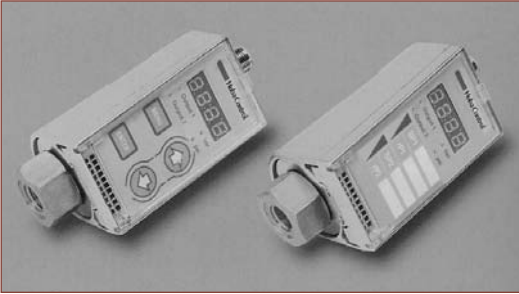
Differential Pressure 0 to 25 bar

The switching points of the electronic pressure switch TYPE 615 can be adjusted using the potentiometer by the customer or in the factory. There are pressure ranges from 0 - 10mbar to 0 - 25mbar available.

Repeatability	$\leq \pm 0.5\%$ fs
TC zero point	$\leq \pm 0.04 - \leq \pm 0.12\%$ fs/K
TC sensitivity	$\leq \pm 0.02\%$ fs/K $\leq \pm 0.015\%$ fs/K to $\leq \pm 0.037\%$ fs/K (depending on overpressure factor)

Both types - individually produced from single pieces to small and medium sized lots.

TYPE 619



Relative Pressure -1 to 600 bar

The μ P-regulated, programmable pressure transmitter TYPE 619 has a robust industry design. Parameters can easily be programmed with three different configuration menus with easy to operate operations keys. All systems are equipped with a diagnostic function.

The big 4-digit LED-indication assures a good accuracy of reading.

4-20mA	and diagnostic input
4-20mA	with 1 digital output
0-10V	and diagnostic input
0-10V	with 1 digital output
2 digital outputs	

Pressure connecton G 1/4 inside.

Individually produced from single pieces to small and medium sized lots.