

Pressure Switches

SC-53 Series
Data Sheet

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Pressure switch for low pressure measurements in stainless steel version - fixed setting



Special features

inexpensive pressure switch
low construction height and light weight
switching point fixed setting

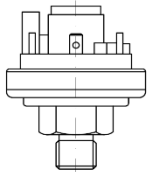
Applications

Machinery and plant construction
chemical and petrochemical industry
Pharmacy

Usage

For switching control voltages in machinery and equipment.
For all gaseous and liquid pressure media,
which do not attack the measuring system.



stainless steel version						
type	SC-53 0.2 V	SC-53 0.9 V	SC-53 0.2	SC-53 01	SC-53 03	SC-53 12
Connection	SC-53 0.2 V 					
Data sheet SC 153						
Setting ranges	from -5 mbar up to-200 mbar	from -200 mbar up to-900 mbar	from 5 mbar up to200 mbar	from 200 mbar up to1.000 mbar	from 500 mbar up to3000 mbar	from 1 bar up to12 bar
Release point						
Range start	2.5 mbar	50 mbar	2.5 bar	50 mbar	200 mbar	0.2 bar
End of range	50 mbar	150 mbar	50 mbar	150 mbar	600 mbar	1.5 bar
Accuracy	+/- 10% of the switching point					
Overload limit	0.5 bar	1 bar	0.5 bar	1 bar	10 bar	25 bar
Case	CrNi-steel (V2A)					
Measure element	FKM-membrane (viton)					
Switching mode	1 changeover contact, potential free					
Switching power	6 A, 250 V AC und 2 A, 24 V DC (optionally gold-plated contacts 30/100 mA, 24 V DC)					
Electr. connection	2 piece flat plug 6,3 x 0,8 according to DIN 46 244					
Connection	G 1/4 B, CrNi-steel Optional: M 10x1 or G 1/8 on request					
Mounting position	arbitrary, below 100 mbar is the mounting position to specify					
Protection class	IP 00 according to EN 60529 / IEC 529, with protection cap IP 54 or IP 65					

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