

# Economical Pressure Switches

“SANMUR” manufactures economy pressure switches in the **Series – SC**, covering the following:

- 1) Pressure switches with fixed and variable differentials  
(Range covers from 0.1 to 32 Kg/cm<sup>2</sup>)

Pressure switches are electro-mechanical devices that sense changes in pressure by means of snap action electrical contacts at pre- set values of pressure.

These pressure switches can energise an alarm or control the process directly.

Since pressure switches are safety cut-outs they can ensure that high capital-cost equipments are saved by the actuation of the switch to set off an alarm or control equipments directly also through electrical linkage.

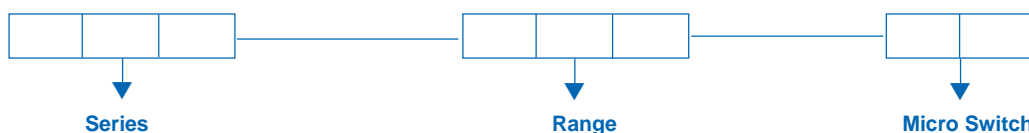
The economy model is ideal for a wide range of applications where high quality & reliability are required. It also provides the flexibility required for most industrial applications. Superior 5A / 15A contacts allows direct control of a motor or pump without the use of external relays - a true time and money saving proposal. Unique features include a convenient indicating scale for quick, open case and easy field adjustments. The rugged construction incorporates an exclusive SS 316 diaphragm pressure element for all ranges for exceptional compatibility, high accuracy & long service life. A spindle lock plate provides effective tamper proofing.

The compact size, elegant design and cost benefit make the “SANMUR” SC series switches a preferred choice.

## Technical Data

Range	0.1 to 32 Kg/cm <sup>2</sup>
Sensing Element	SS 316 Diaphragm
Process Connection	1/4" BSP(F)
Enclosure	Powder coated Mild Steel case with ABS cover
Enclosure Protection	IP : 32
Switch Type	1 SPDT
Switch Rating	5A / 15A , 250V AC
Cable Entry	Rubber Grommet
Mounting	Surface / Panel / Direct

## Ordering Code



Decide with confidence

## SANMUR CONTROLS PVT. LTD.

An ISO 9001: 2008 Certified Company

## Series

SCF : Fixed differential  
 SCA : Adjustable Differential

## Range Code

101	0.1 - 1.1
105	0.1 - 1.5
002	0.2 - 2.0
004	0-4
006	0.6 - 6.0
010	0.5 - 10
016	1 - 16
025	2 - 25
032	2 - 32

## Micro Switch

05	: 5A 250V AC
15	: 15A 250V AC

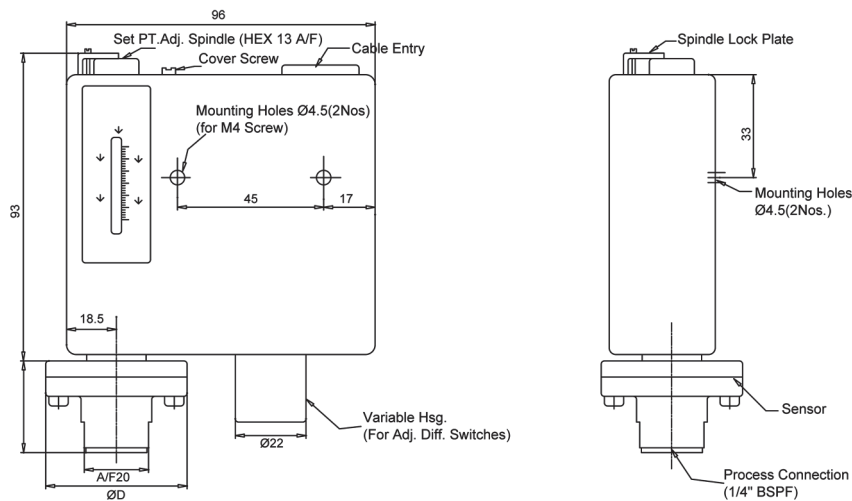
### Fixed Differential Chart(For SCF Series)

Range Code	MSW		MWP
	5A	15A	
101	0.1	0.2	6
105	0.15	0.2	6
002	0.15	0.2	6
004	0.4	0.5	10
006	0.5	0.6	10
010	0.6	0.8	16
016	1.0	1.2	25
025	1.5	2.5	30
032	2	3.5	35

### Adjustable Differential Chart(For SCA Series)

Range Code	MSW	
	5A	15A
101	0.1 - 0.2	0.1 - 0.4
105	0.12 - 0.2	0.15 - 0.5
002	0.12 - 0.2	0.15 - 0.5
004	0.3 - 0.7	0.4 - 1.5
006	0.3 - 0.7	0.5 - 2
010	0.7 - 1.8	1.2 - 4
016	0.9 - 1.8	1.5 - 5
025	1.8 - 4	3 - 8
032	2 - 4	4 - 9

## SCA / SCF Series



### Registered Office & Works:

#### SANMUR CONTROLS PVT. LTD.

1/A, Rajiv Gandhi Nagar  
 I.E. (Extn) Kukatpally  
 Balanagar Post, Hyderabad - 500 037  
 Tel/Fax: +91-40-2307 3406, 4210 2425  
 Email: sanmur@sanmur.com  
 kcmohan16\_hyd@dataone.in  
 Website: www.sanmur.com

### Distributor / Dealer /Agent

