

## Bourdon Tube Pressure Switches

Type **B1S/B2S**

### Dimensions (mm / inch)

**B1S...**  
3 leads  
approx. 450/17.72 long

Process connection  
1/4" NPT female

Adjustment screw  
slotted nut hex SW10

**B2S...**  
6 leads  
approx. 450/17.72 long

Process connection  
1/4" NPT female

Circuit 1

Circuit 2  
2 adjustment screws  
slotted nut hex SW10

Adapter see  
"Pressure ranges" \*)

SW 19

Mounting plate max. 15/0.59 thick,  
Mounting bores min. ø26/1.02

**Wiring code for all types  
(contact status at atmospheric pressure)**

Power circuit ①	Power circuit ②
C=purple	C=brown
NC=blue	NC=orange
NO=red	NO=black

### Electrical Ratings

Micro switch	Special features	Volt AC 50/60 Hz	Ind. load A	Res. load A	Volt DC	Ind. load A	Res. load A	Comments
H	Micro switch with silver contacts	125	10	10	6	0.50	0.5	Small hysteresis; High AC-/ low DC-load
		250	10	10	to			
		480*	3	3	24			
M	Micro switch with silver contacts	125	10	10	12	5.00	15.0	Medium hysteresis; High AC- and DC-loads
		250	10	10	24	1.00	2.0	
		480*	3	3	250*	0.25	0.4	
GH	Micro switch with gold-plated contacts for low voltage and/or low current	125	1	1	24	1.00	1.00	Small hysteresis
GM		30	0.1	0.1	30	0.10	0.1	Medium hysteresis

\* on request

### Order Code

Example for order number

Type		Micro switch		Pressure range code
B1S	or	B2S	-	H
				48SS

Your order number

Type		Micro switch		Pressure range code
	or		-	