

Main Specifications

▼ **Size**
4" (100mm) / 6" (150mm)

▼ **Installation type**
Bottom mount /
Bottom mount with flange /
Back mount with flange

▼ **Window**
Safety glass

▼ **Pressure connection**
Material: SS304 (std.) / SS316 (option)
Size: 3/8" , 1/2"
Specifications: PT, NPT, PF

▼ **Electrical connector**
Hirschmann connector DIN 43650

▼ **Pressure range**
Gauge pressure ▼
0...350bar
0....1000bar (Only for 6")
Negative pressure ▼
-1...0bar
Compound pressure ▼
-1...0 to 20bar

▼ **Operating temperature**
-20°C to +65°C

▼ **Applicable media**
Liquid and gas that compatible with the connection

▼ **Protection level**
IP54

▼ **Optional accessory**
Installation rack

Other Specifications

▼ **Case & bezel material**
SS304

▼ **Measuring elements**
Bourdon tube
Material: SS316

▼ **Measuring elements**
Bourdon tube
Material : SS304(std.) / SS316(option)

▼ **Movement**
SS304

▼ **Pointer**
Aluminum with black enamel

▼ **Dial face**
White dial face, all black scale (customized available upon request)

▼ **Gauge accuracy**
±1.5%F.S.(std.)
±1.0%F.S. (option)

▼ **Switch set point accuracy**
±3.0%F.S

▼ **Contact switch type**
SPDT x1 (std.)
SPDT x2 / DPDT x1 (option)
Adjustable set point (any point on full scale)

▼ **Contact switch rated voltage**
AC 110V, 5A / 220V, 3A

▼ **Contact material**
Pure silver 999.9

▼ **Operating voltage**
AC: Max. 250 VAC
DC: Max. 28 VDC

▼ **Operating pressure**
Stable: 3/4*F.S.
Fluctuation: 2/3*F.S.
Transient: 1*F.S.
Overpressure: 1.3*F.S.

All Stainless Steel Pressure Gauge with Electrical Contact (Micro-switch Type)

Model: MSPS Introduction

MSPS contact adopts micro switch, it has better indicate accuracy, set point accuracy, and repeatability error than other contact pressure gauge. It is suitable for all kinds of pressure measurement, alarm system, industrial special oil production line.



Due to the variety of customization, the picture is only for reference, please confirm the actual item with our sales. (If there is any change on specification, please take the latest version as standard.)

Features

- OEM service
- Micro switch, SPDT x1, SPDT x2, DPDT x1 for selection
- Gauge accuracy ±1.5%F.S. , set point accuracy ±3.0%F.S.
- Adjustable set point (any point on full scale)

How to order

MSPS All Stainless Steel Pressure Gauge with Electrical Contact (Micro-switch Type)									
Std.	Spec.	Code	Item	Code	Item	Code	Item	Code	Item
4	Size	4	4"	6	6"	-	-	-	-
A	Installation type	A	Bottom mount	B	Bottom mount with flange	BD	Back mount with flange	-	-
4N	Thread type	4P	1/2" PT	4N	1/2" NPT	4F	1/2" PF	3P	3/8" PT
		3N	3/8" NPT	3F	3/8" PF	-	-	-	-
Custom	Pressure range	-1...0 to 1000bar							
S1	Contract type	S1	SPDT*1	S2	SPDT*2	D1	DPDT*1	-	-
/B	Other requests	/A	Third party notarized document						
		/B	Inspection report (issued by Re-Atlantis)						
		/C	Tag						
		/D	Install a diaphragm seal						
		/E	Customized dial (scale, unit, etc.)						
		/F	Connection material: SS316						
		/G	Case and bezel material: SS304						
		/H	Bourdon tube material: SS316						
		/I	Gauge accuracy $\pm 1.0\%$ F.S.						
		/J	Epoxy coating						

Order example: MSPS - 4 - A - 4N - (0~500bar) - S1 - /B