

Main Specifications

- ▼ **Pressure connection**
Material: chromed brass
No O-ring sealed
1/4" SAE female thread
7/16" UNF male thread
- ▼ **Pressure range**
Low side ▼
-0.5 to 6 bar
High side ▼
8 to 30 bar

(Please refer to catalog P1 pressure setting range)
- ▼ **Applicable fluid**
Liquid and gas that compatible with copper alloy
- ▼ **Ambient temperature**
-20°C to +70°C
- ▼ **Operation temperature**
-10°C to +80°C
- ▼ **Fluid temperature**
-10°C to +80°C
- ▼ **Temperature error**
Every ±12 °C
max. error: ±0.5% F.S
- ▼ **Protection level**
IP54

Other Specifications

- ▼ **Ring**
ABS (white)
Screw fixed
- ▼ **Bottom housing**
Chromed brass
- ▼ **Measuring elements**
Micro switch
Material: copper alloy
- ▼ **Wiring**
Screw clamp terminal blocks
- ▼ **Movement**
Copper alloy
- ▼ **Operating pressure**
Max.: 30 bar
- ▼ **Switch type**
SPDT
- ▼ **Operating voltage**
240V
- ▼ **Operating current**
15A
- ▼ **Support rack**
Material: galvanized steel
L-shape
- ▼ **Capillary (option)**
Material: copper alloy
Outer diameter 3 mm

**Compact Pressure Switch
(High/Low Pressure Type)
Model: ATHLP(D)**



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
- Economic pressure switch with comprehensive applications
- Include a standard support rack (L-shape)
- Dual pressure connections (low/high pressure) switch

Setting Range Table

Pressure	Type	Pressure range		Differential pressure		Pressure resistance
		Min	Max	Min	Max	
Low pressure	830LS	-0.5	6	0.6	4	16.5
High pressure	830HS	8	30	Regular 3~5		33

Unit: bar

Electrical parameters

Item	Power	120V AC	250V AC	24V DC
Non-inductive current	1	10	5	5
Overload current	0.75	8.5	4.5	2
Inrush current	0.45	40	20	10

Unit: ampere (A)

How to order

ATHLP(D)		Compact Pressure Switch (High/Low Pressure Type)			
	Code	Type			
	830LS	830LS			
	830HS	830HS			
	Code	Pressure connection			
	SAE	1/4" SAE female thread			
	UNF	7/16" -20UNF male thread			
	O	Other (please specify)			
	Code	Capillary length			
	N	None			
	3	3mm			
	O	Others (please specify)			
	Code	Other requests			
/A	Third party notarized document				
/B	Inspection report (issued by Re-Atlantis)				
/C	Tag				
/D	Thread adaptor - 1/4" BSPT				
/E	Thread adaptor - 3/8" BSPT				
/F	Nut cover				
ATHLP(D)	830LS	SAE	3	Order example: ATHLP (D)-830LS-SAE-3	