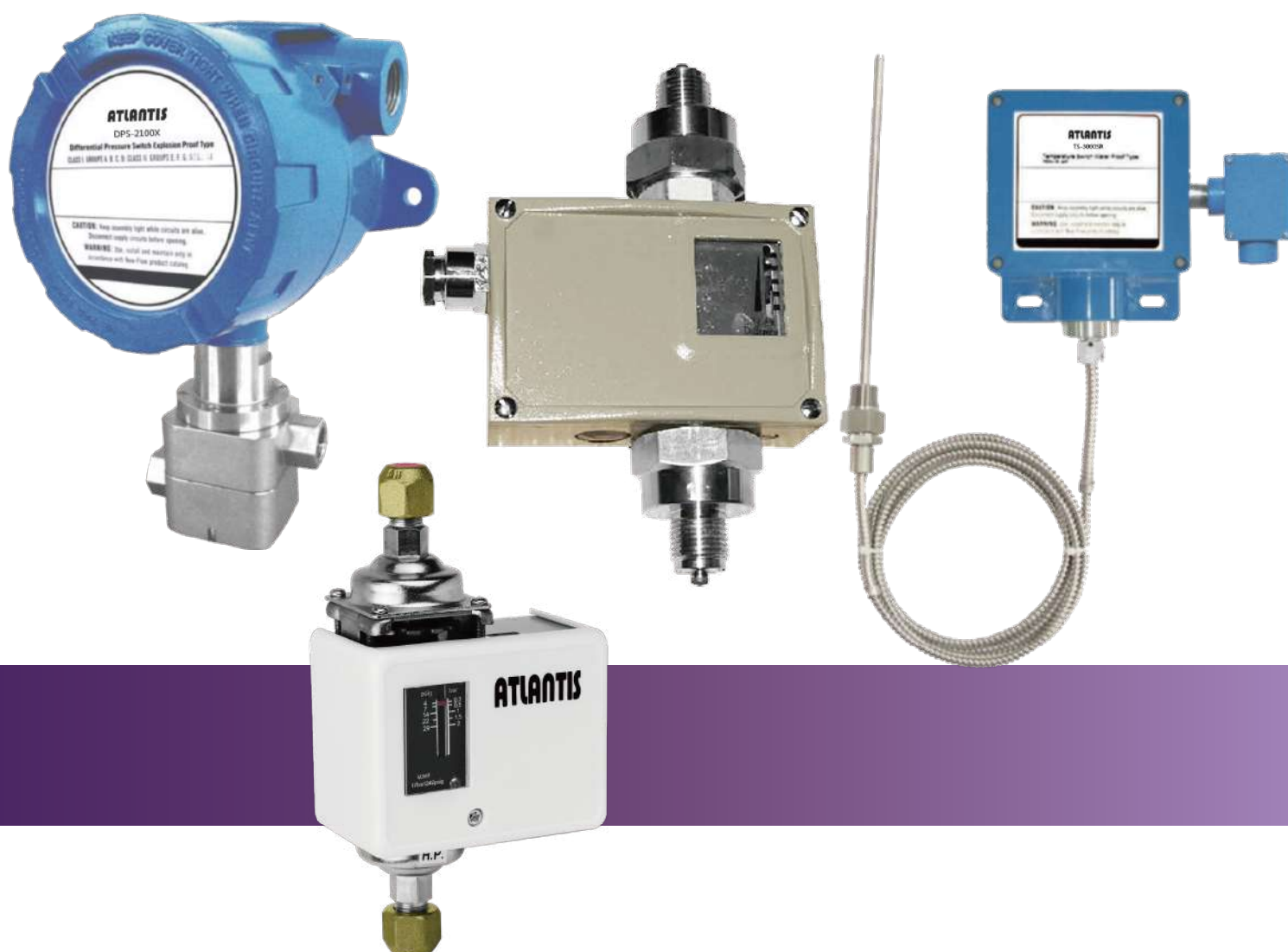


ATLANTIS®

RE-ATLANTIS INTERPRISE CO., LTD

MECHANICAL PRESSURE SWITCH & TEMPERATURE SWITCH CATALOG



ATLANTIS®

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

Ver.3.0



ATHLP (S)

Compact Pressure Switch

Application: Can be automatically adjusted by intake or release pressure, and it can also be used to control the refrigeration compressor and air compressor fan switch.

Model: ATHLP (S)

Switch type: SPDTx1

Wiring type: Screw clamp terminal blocks

Operating pressure: Max. 30bar

Operating voltage: Max. 240V

Movement: Copper alloy

Protection level: IP44



ATHLP (D)

Compact Pressure Switch
(High/Low Pressure Type)

Application: General pressure switch for industrial purpose.

Model: ATHLP (D)

Switch type: SPDT

Wiring: Screw clamp terminal blocks

Operating pressure: Max. 30bar

Operating voltage: Max. 240V

Operating current: 15A

Measuring elements: Micro switch

Protection level: IP54



ATHLD

Simple Differential Pressure Switch

Application: General differential pressure switch.

Model: ATHLD

Pressure connection: Chromed brass

Operating pressure: Max.: 30 bar

Switch type: SPDT

Operating voltage: 240V

Operating current: 15A

Movement: Copper alloy

Switch type: SPDT

Protection level: IP54



AT505-7 Series

Mechanical Pressure Switch
(For Oil Mist Type)

Application: Adopts hermetically sealed piston, which is specially designed for neutral gas contains oil mist.

Model: AT505-7 Series

Type: Normal: AT505-7D / Narrow dead band: AT505-7DK

Adjustable set point range: 0.3...25 MPa

Measuring elements: Piston

Switch type: SPDT micro switch

Max operating pressure: 30 MPa

Protection level: IP65



AT501-7 Series

Mechanical Pressure Switch
(Low Pressure Type)

Application: Adopt SS316L diaphragm as pressure sensor, which can apply to corrosive media, neutral gas and liquid pressure monitor and control.

Model: AT501-7 Series

Type: General: AT501-7D /
Narrow dead band: AT501-7DK

Adjustable set point range: 0...2.5 MPa

Measuring elements: Diaphragm

Switch type: SPDT micro switch

Max operating pressure: 0.05 / 1.5 / 4 / 5MPa

Protection level: IP65



AT511-7 Series

Mechanical Pressure Switch
(General Application Type)

Application: Adopts SS316L bellow/diaphragm as measuring elements, which is suitable for corrosive gas and liquid measurement.

Model: AT511-7 Series

Type: Normal: AT511-7D / Narrow dead band: AT511-7DK

Adjustable set point range: -1...0 to 6.3MPa

Measuring elements: Bellow / Diaphragm

Switch type: SPDT micro switch

Max operating pressure: 1 / 2 / 5 / 8.5MPa

Protection level: IP65



AT511-7DEx

Explosion-proof Mechanical
Pressure Switch

Application: Adopts SS316L bellow/diaphragm as measuring elements, which is suitable for corrosive gas and liquid measurement.

Model: AT511-7DEx

Pressure connection: G1/2"(F)

Adjustable set point range: -0.1...6.3 MPa

Measuring elements: Bellow

Switch type: SPDT micro switch

Max operating pressure: 1 / 2 / 5 / 8.5MPa

Protection level: IP65

Explosion-proof level: Exde II CT4~T6



AT500-7 Series

Mechanical Pressure Switch
(High Switching Frequency Type)

Application: Adopt NBR or SS316L diaphragm pressure sensor, is suitable for neutral gas, hydraulic oil, lubricating oil and light fuel oil pressure monitor and control.

Model: AT500-7 Series

Type: AT500-7D (Normal) /
AT500-7DK (Narrow dead band)

Adjustable set point range: 0...2.5 to 2500 kPa

Measuring elements: Diaphragm

Switch type: SPDT micro switch

Max operating pressure: 0.05 / 1.5 / 4 / 5Mpa

Protection level: IP65

Explosion-proof level: Exed II CT5~T6



AT500-7DEx

Explosion-proof Mechanical Pressure Switch (High Switching Frequency Type)

Application: Adopt NBR or SS316L diaphragm pressure sensor, is suitable for neutral gas, hydraulic oil, lubricating oil and light fuel oil pressure monitor and control.

Model: AT500-7DEx

Pressure connection: G1/4"(F)

Adjustable set point range: 0 to 2.5 to 2500kPa

Measuring elements: Diaphragm

Switch type: SPDT micro switch

Max operating pressure: 0.05 / 1.5 / 4 / 5MPa

Protection level: IP65

Explosion-proof level: Exed II CT5~T6



AT504-7 Series

Mechanical Pressure Switch (Hydraulic Pressure Type)

Application: Adopt stainless steel diaphragm as pressure sensor, which can apply to non-corrosive media such as neutral gas and liquid pressure monitor and control.

Model: AT504-7 Series

Type: General: AT504-7D

Narrow dead band: AT504-7DK

Pressure connection: G1/4"

Adjustable set point range: 0...0.3~40 MPa

Measuring elements: Diaphragm

Switch type: SPDT micro switch

Max operating pressure: 16 / 30 / 80 MPa

Protection level: IP65



AT520-7DM

Mechanical Micro Differential Pressure Switch

Application: Adopts NBR diaphragms as pressure sensors, which is suitable for neutral gas and liquid micro differential pressure control and monitor.

Model: AT520-7DM

Pressure connection: G1/4"(F)

Adjustable set point range: 0...0.2 to 25 kPa

Measuring elements: Diaphragm

Switch type: SPDT micro switch

Max operating pressure: 160 kPa

Protection level: IP54



AT530-7 Series

Mechanical Differential Pressure Switch

Application: Adopt SS316L bellow pressure sensor, which is suitable for corrosive media differential pressure monitor and control.

Model: AT530-7 Series

Type: General: AT530-7D

Narrow dead band: AT530-7DK

Pressure connection: G1/2"

Adjustable set point range: 0...3 MPa

Measuring elements: Bellow

Switch type: SPDT micro switch

Max operating pressure: 2 / 3 / 7 MPa

Protection level: IP65



AT100-7D

Mechanical Pressure Switch
(High Contact Rating Type)

Application: Adopt SS316L bellow pressure sensor, which can apply to non-corrosive media such as neutral gas and liquid pressure monitor and control.

Model: AT100-7D

Pressure connection: G1/4"

Adjustable set point range: -0.1 ~ 8 MPa

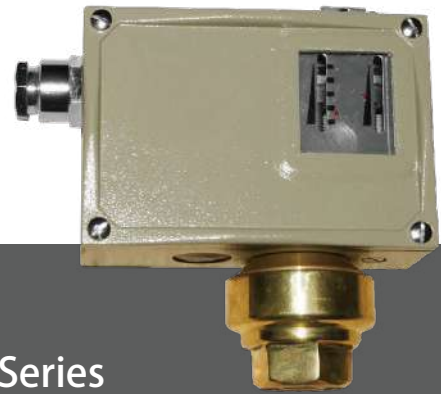
Measuring elements: Bellow

Switch type: Micro switch SPDT /

Micro switch 2 CKT DB

Max operating pressure: 0.6 / 1.2 / 2.0 / 2.5 / 5 / 8 / 8.5 MPa

Protection level: IP65



AT502-7 Series

Pressure Switch

Application: Adopt SS316L bellow pressure sensor, which can apply to noncorrosive media such as neutral gas and liquid pressure monitor and control, it can also been applied in vacuum condition.

Model: AT502-7 Series

Type: General: AT502-7D / Narrow dead band: AT502-7DK

Explosion-proof: AT502-7DEx

Adjustable set point range: -0.1...0~6.3MPa

Measuring elements: Bellow

Switch type: SPDT micro switch

Max operating pressure: 8 MPa

Protection level: IP65



AT511-7DS

Mechanical Pressure Switch
(Dual Controls Type)

Application: Adopts DPDT type micro switch to achieve dual controls function, with SS316L bellow as measuring elements, is suitable for corrosive gas and liquid measurement.

Model: AT511-7DS

Pressure connection: G1/2"

Adjustable set point range: -1...0 to 6.3 MPa

Measuring elements: Bellow

Switch type: DPDT micro switch

Max operating pressure: 1 / 2 / 5 / 8.5 MPa

Protection level: IP65



AT504-7DS

Double Set Value Pressure Switch

Application: Adopts piston sensor, which can be used for media such as neutral hydraulic oil, mainly used in nuclear power, chemical, shipping, metallurgy and other industries.

Model: AT504-7DS

Pressure connection: G1/4"

Adjustable set point range: 0.3 to 40 MPa

Measuring elements: Piston

Switch type: DPDT micro switch

Max operating pressure: 16 / 30 / 80 MPa

Protection level: IP54



DPS-2100X

Differential Pressure Switch

Application: With explosion-proof design is suitable for process control system, it features various pressure range with easy operation and installation.

Model: DPS-2100X

Pressure connection: 1/2"NPT (female) / 1/4"NPT (female)

Adjustable set point range: 0...3 to 500 psi

Measuring elements: Welded type diaphragm

Switch type: SPDT x1 / SPDT x2 (one setting point)

Max operating pressure: 1000 psi

Protection level: IP68



AT540-7 Series

Mechanical Temperature Switch

Application: Switch is suitable for neutral media measurement.

Model: AT540-7 Series

Type: AT540-7T (Typical) / AT540-7TK (Narrow Dead Band)

Process connection: Nickel-plated copper / SS304 (option)

Adjustable set point range: -20 to +30°C /

0 to +50°C / +20 to +70°C

Measuring elements: Encased temperature sensor

Switch type: SPDT micro switch

Max media temperature: +85°C

Protection level: IP65



TS-3000SR

Remote Reading Temperature Switch
(Water Proof Type)

Application: Adopts SPDT micro switch, which is suitable for temp control in high current environment.

Model: TS-3000SR

Type: Liquid filled / Gas filled

Process connection: 1/2" or 3/4"NPT male thread

Temperature range: -70~400°C (Liquid filled type)
/ -200~650°C (Gas filled type)

Switch type: SPDT micro switch

Operating voltage: 250VAC / 28VDC

Contact number: SPDTx1 / SPDTx2

Protection level: NEMA 4 / NEMA 4X / IP66



TS-3000SA

Bottom Connected Temperature Switch
(Water Proof Type)

Application: Adopts SPDT micro switch, which is suitable for temp.

Model: TS-3000SA

Type: Liquid filled / Gas filled

Process connection: 1/2" or 3/4"NPT male thread

Temperature range: -70~400°C (Liquid filled type)
/ -200~650°C (Gas filled type)

Switch type: SPDT micro switch

Operating voltage: 250VAC / 28VDC

Contact number: SPDTx1 / SPDTx2

Protection level: NEMA 4 / NEMA 4X / IP66