

PRESSURE METERS • PRESSURE SWITCHES

Pressure Control Switch

II-PT-016

Adjustable SPDT pressure control switch



SPDT pressure controls with adjustable range and differential, in single and dual-pressure forms.

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ISSUED

24 October 2026

Pressure Control Switch

Indiana catalogue ID **II-PT-016** Pressure Meters

SPDT pressure controls with adjustable range and differential, in single and dual-pressure forms.

CONTACT SPDT	MEDIA Refrigerant, air, liquid — non-corrosive	MAX. BELLOWS PRESSURE To 33 bar
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01 Overview

Pressure controls for CFC, HCFC and HFC refrigerant, air, liquid and other non-corrosive media, with a fluid temperature allowance of -10°C to 100°C . An SPDT contact gives reliable changeover and a micro-switch handles the switching. A mounting bracket is supplied as standard.

The range covers ten single-pressure models (P502 to P530M) with one adjustable setpoint, and three dual-pressure models (P830, P830HM, P830HLM) that combine a low-side and a high-side setpoint in one control.

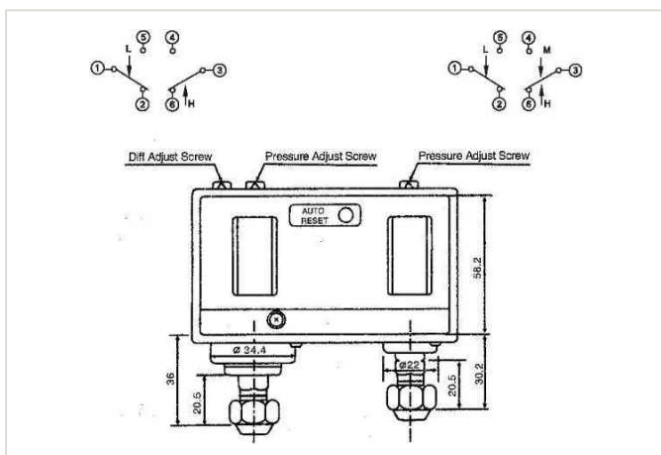
02 Views



PRIMARY VIEW Pressure control switch with adjustable DIFF. and RANGE dial window and brass process connection
Product photograph



ALTERNATE VIEW Brass process connection and mounting bracket of the pressure control switch
Product photograph



TECHNICAL Outline drawing from the product documentation
Product photograph



ALTERNATE VIEW Adjustable DIFF. and RANGE dial window of the pressure control switch
Product photograph

03 Principal data

ELECTRICAL FUNCTION

Contact	SPDT — single pole double throw
Terminal 1	Common terminal
Terminal 3	Close on pressure decrease
Terminal 5	Close on pressure increase
Non-inductive current	20 A at 125 V AC • 10 A at 250 V AC • 10 A at 24 V DC
Inductive full-load current	15 A at 125 V AC • 8 A at 250 V AC • 8 A at 24 V DC

Inductive inrush current

72 A at 125 V AC · 64 A at 24 V DC

The full set of stated values, variants and open points is in the specification document for this product.

04 Applications and industries

APPLICATIONS

- Refrigeration and air-conditioning high- and low-pressure protection
- Compressed air system control
- Pump protection and non-corrosive liquid pressure control

INDUSTRIES

Refrigeration and HVAC

General industry

Food and cold chain

TO QUOTE THIS WE NEED

- Setpoint and differential required
- Single or dual pressure
- Automatic or manual reset
- Medium and its temperature
- Pressure connection type
- Enclosure — standard, drip-proof or explosion-proof
- Switching load — voltage, current and whether inductive

CONFIRM BEFORE ORDERING

- Confirm the enclosure type, pressure connection and whether a manual-reset version is required for the duty.

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QUOTATION

List the product, ID and quantity; add process conditions. We reply with a quotation.

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