

MODEL SELECTION PACKET | 2026-10-03 | REVISION 1

PS3A

Adjustable Pressure Switch

Piston-operated pressure switch with an adjustable switch point, stainless-steel housing and SPDT contact. Intended catalog applications include water, oil and gas pressure monitoring.

Catalog-confirmed values

Adjustment ranges	10-25; 25-70; 70-120; 120-160; 160-200; 200-400 bar
Proof pressure	600 bar
Repeatability	±1% to ±2% FS
Media temperature	-40 deg C to +120 deg C
Ambient temperature	-40 deg C to +120 deg C
Switching voltage	Max. 30 VDC and 250 VAC
Switching current	Max. 0.1 A DC and 5 A AC
Protection	IP65 with DIN connector; IP67 with M12 x 1 connector or cable outlet
Standard process connection	G1/4; other connections available

The published value is repeatability (±1% to ±2% FS), not an overall accuracy specification. Test conditions, range-dependent values and switching differential are not stated; request engineering confirmation.

Ordering and service

Single-unit orders accepted. One-year warranty. Delivery: maximum 4 weeks from receipt of the agreed deposit. Actual warranty coverage and claim procedure follow the written quotation/order.

Selection reference only. This packet is not an installation drawing, a technical approval or an approved replacement. Confirm the ordered configuration in writing before purchase or installation.

ORDER-SPECIFIC ENGINEERING CONFIRMATION

Confirm the actual configuration

Specify the switch point, rising/falling action, differential, selected adjustment range, fluid, system pressure, temperature, load, process thread, connector and pin assignment. Request the controlled dimensional and contact drawing for the ordered configuration.

Selection / ordering code	Not provided in source packet - request controlled order drawing.
Dimensions / installation interface	Not provided in source packet - request controlled order drawing.
Wiring / contact pin assignment	Not provided in source packet - request controlled order drawing.
Optional configurations	Factory preset rising or falling alarm; DIN, M12 x 1 or cable outlet; other process connections. Availability and exact build require order confirmation.

The source gives a 600 bar proof-pressure value. Do not interpret proof pressure as a continuous working-pressure rating. Compatibility, electrical-load suitability and exact repeatability conditions require order-specific engineering confirmation.

Source and appendix map

Published English PS3A datasheet: physical PDF pages 1-2, printed pages 2-3. Its document revision/date is not stated. Website model record: headquarters-products.json, release WEB-2026-07-23-001.

Source PDF: CASCED-PS3A-Adjustable-Pressure-Switch.pdf

Packet pages 3-4 retain both published English source pages unchanged. The original source footer/branding and its printed page numbers are preserved for traceability.

The attached source pages are copied directly from the published English PDF, preserving their original page content. New summary text uses the controlled website model record and those source pages; it does not supply missing engineering data.

Request the controlled order drawing

Contact: info@cascaded-us.com | cascaded-us.com
Mailing Address: 34 Celia St, Patchogue, NY 11772, United States

State the model, required configuration, quantity and application. Selection codes, dimensional examples and interface diagrams remain subject to confirmation for the specific order. No certification, signature or engineering approval is issued by this packet.

PS3A Series Adjustable Pressure Switch

Model: PS3A
Product family: Pressure Measurement
Category: Mechanical Pressure Switches



Overview

Piston-operated pressure switch with an adjustable switch point and stainless-steel housing.

Features

- Adjustable switch point
- SPDT switching
- Stainless-steel housing
- Factory preset rising or falling alarm available

Applications

- Water, oil, and gas pressure monitoring

Technical Specifications

Specification	Source value
Adjustment ranges	10–25; 25–70; 70–120; 120–160; 160–200; 200–400 bar
Proof pressure	600 bar
Repeatability	±1% to ±2% FS
Media temperature	-40°C to +120°C
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Source-Control Status

Ready