

FINE CONTROLS (UK) LTD



Fine Controls have been supplying process controls & instrumentation equipment since 1994, & now serves an ever expanding customer base, both in the UK & globally.

We offer a full range of valve & instrumentation products & services, with our product range representing leading technologies & brands:

Flow: Flow Meters & Transmitters, Flow Switches, Flow Control Valves & Batch Control Systems

Temperature: Temperature Probes & Thermowells, Temperature transmitters, Temperature Regulators & Temperature Displays

Level: Level Transmitters & Switches

Pressure: Pressure Gauges & Transmitters, Precision & High Pressure Regulators & I-P Converters, Volume boosters.

Precision Pneumatics: Pressure Regulators, I-P Converters, Volume Boosters, Vacuum Regulators

Valves: Solenoid & Pneumatic Valves, Control Valves & Positioners, Actuated Ball, Globe or Diaphragm Valves & Isolation Valves

Services: Repair, Calibration, Panel Build, System Design & Commissioning

A rotork® Brand
FAIRCHILD



bürkert



SIEMENS



alcon
SOLENOID VALVES

A rotork® Brand



MIDLAND-ACS
A rotork® Brand



Honeywell



Bourdon
Baumer Group



SOLDO
CONTROLS

A rotork® Brand



Fine Controls (UK) LTD, Bassendale Road, Croft Business Park,
Bromborough, Wirral, CH62 3QL UK
Tel: 0151 343 9966
Email: sales@finecontrols.com

rotork® Instruments

Rotork manufacture pressure sensing components to operate in high vibration areas with accurate repeatability giving reliable performance. For use in multiple applications including compressors and braking systems.

- Ambient Temperature Range -40 to +85 °C
- Accurate
- Repeatable
- Durable
- UL/CSA approvals
- Tested in accordance with EN 61373 (Class B)

Working Temperature Range

- Ambient: -40 to +85°C
- Media: -40 to +85°C

Adjustable Working Pressure Ranges (max)

- 0.2 to 2 bar
- 0.5 to 8 bar
- 1.0 to 10 bar
- 1.6 to 16 bar

Operation

- Diaphragm actuated

Switching Pressure Difference/Hysteresis

- Fixed

Repeatability

- 0.2 - 2.0 bar ± 0.20 bar
- 0.5 - 8.0 bar ± 0.40 bar
- 1.0 - 10 bar ± 0.60 bar
- 1.6 - 16.0 bar ± 0.75 bar

Life Cycle of Mechanical Parts

- $\geq 10^7$ switching cycles

Switching Element

- Microswitch with gold plated contacts

Degree of Protection

- IP65 in accordance with EN 60529 (including electrical connections)

Mounting Position

- All orientations



Pneumatic Pressure Switch

G $\frac{1}{4}$ " or $\frac{1}{4}$ " NPT

Electrical Connection

- DIN EN 175301-803 (DIN 43650) form A connection

Materials of Construction

- Housing: Aluminium (anodised)
- Diaphragm retainer: Brass
- Shaft: Stainless Steel
- External Seals: VMQ, EPDM, NBR
- Locking Mechanism: Acetal
- Connector: PA

Media

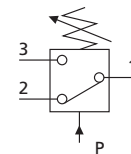
- Neutral, gaseous and liquid fluids, non-combustible. Air supply must be dry enough to avoid ice formation at temperatures below +2 °C

Media Contact Materials (Wetted Parts)

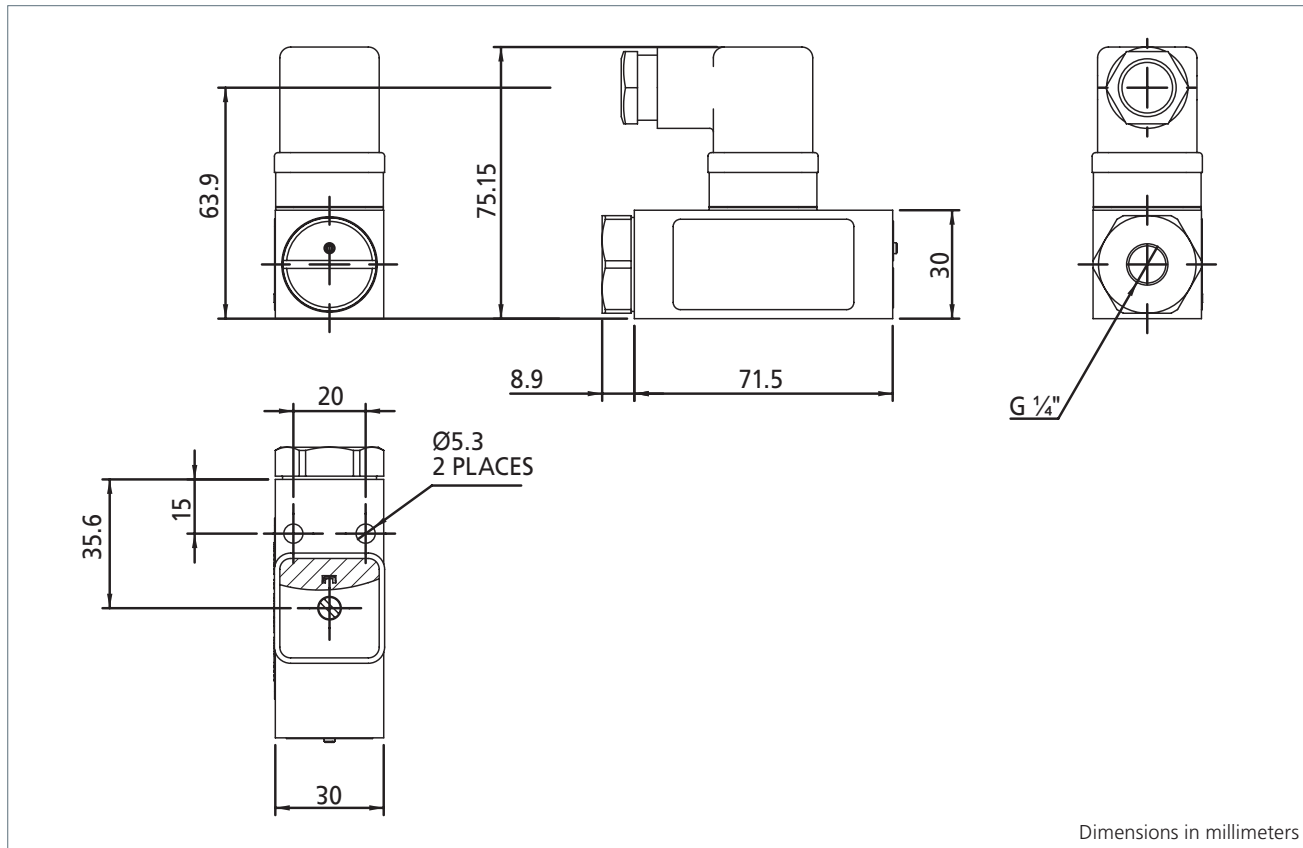
- Aluminium, NBR, Brass

Switching Function

- Terminal 1 to 3: on rising pressure contacts close.
- Terminal 1 to 2: on rising pressure contacts open.



MIDLAND-ACS
A rotork® Brand



Dimensions in millimeters

Ordering Information

Size		Type		Material		Seals		Pressure		Port Style	
2	1/4"	PS	Pressure Switch	A	Alum	N	Nitrile	02	0.2 - 2	1	BSP
								08	0.5 - 8	2	NPT
								10	1 - 10		
								16	1.6 - 16		
2		PS		A		N		•		•	

MIDLAND-ACS
A rotork® Brand

A full listing of the Rotork sales and service network is available on our website.

www.rotork.com

Rotork Midland Ltd.
tel +44 (0)1902 305678
fax +44 (0)1902 305676
email sales.midland@rotork.com

- Controls**
Electric Actuators and Control Systems
- Fluid Systems**
Fluid Power Actuators and Control Systems
- Gears**
Gearboxes and Gear Operators
- Instruments**
Precision Control and Indication
- Site Services**
Projects, Services and Retrofit