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TECHNOLOGY GROUP

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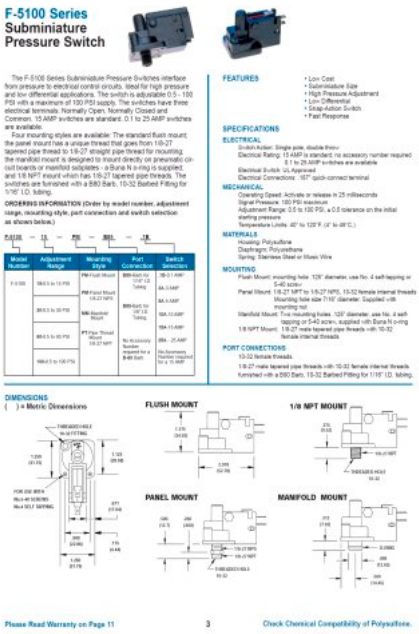
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- Products
- Catalogs
- News & Trends
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F-5100 Series
1 / 1Pages

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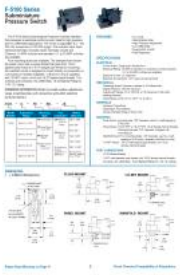


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Catalog excerpts



The F-5100 Series Subminiature Pressure Switches interface from pressure to electrical control circuits. Ideal for high pressure and low differential applications. The switch is adjustable 0.5 -100 PSI with a maximum of 100 PSI supply. The switches have three electrical terminals: Normally Open, Normally Closed and Common. 15 AMP switches are standard. 0.1 to 25 AMP switches are available. Four mounting styles are available: The standard flush mount: the panel mount has a unique thread that goes from 1/8-27 tapered pipe thread to 1/8-27 straight pipe thread for mounting; the manifold mount is designed to mount directly on pneumatic circuit boards or manifold subplates - a Buna N o-ring is supplied: and 1/8 NPT mount which has 1/8-27 tapered pipe threads. The switches are furnished with a B80 Barb, 10-32 Barbed Fitting for 1/16” I.D. tubing. ORDERING INFORMATION (Order by model number, adjustment range, mounting style, port connection and switch selection as shown below.) Model Adjustment Mounting Port Switch Number Range Style Connection Selection FM-Flush Mount MM-Manifold Mount PT-Pipe Thread Mount 1/8-27 NPT No Accessory Number required for a B-80 Barb .IB-0.1 AMP 3A-3 AMP 5A-5 AMP 10A-10 AMP 15A-15 AMP 25A - 25 AMP No Accessory Number required fora 15 AMP FEATURES 'LowCost • Subminiature Size • High Pressure Adjustment • Low Differential • Snap-Action Switch • Fast Response SPECIFICATIONS ELECTRICAL Switch Action: Single pole, double throw Electrical Rating: 15 AMP is standard; no accessory number required 0.1 to 25 AMP switches are available Electrical Switch: UL Approved Electrical Connections: .187” quick-connect terminal MECHANICAL Operating Speed: Activate or release in 25 milliseconds Signal Pressure: 100 PSI maximum Adjustment Range: 0.5 to 100 PSI, ± 0.5 tolerance on the initial starting pressure Temperature Limits: 40° to 120°F. (4° to 49°C.) MATERIALS Housing: Polysulfone Diaphragm: Polyurethane Spring: Stainless Steel or Music Wire MOUNTING Flush Mount: mounting hole .125” diameter, use No. 4 self-tapping or 6-40 screw Panel Mount: 1/8-27 NPT to 1/8-27 NPS, 10-32 female internal threads Mounting hole size 7/16” diameter. Supplied with mounting nut

Artisan Technology Group is an independent supplier of quality pre-owned equipment

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We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

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