

# SWITCH SERIES / PRODUCT OVERVIEW

SWITCH SERIES	KEY FEATURES / BENEFITS	USE	SERIES SET POINT RANGE	ELECTRICAL	PAGE #
PSF100A	 <ul style="list-style-type: none"> <li>• Patented shock / vibration resistance</li> <li>• Miniature size, lightweight, low cost</li> <li>• Quick response time</li> <li>• Dependable long life (20+ million cycles)</li> <li>• Gold contact points (Dual)</li> <li>• Rugged Military Standard (MIL-SPEC)</li> </ul>	<ul style="list-style-type: none"> <li>• Pressure</li> <li>• Vacuum</li> <li>• Differential</li> </ul>	0.1" H <sub>2</sub> O to 50" H <sub>2</sub> O	Low Current SPST 30 V, AC/DC Up to 40 mA	P. 7
PSF101	 <ul style="list-style-type: none"> <li>• Many standard ports / mounting options</li> <li>• Custom design / engineering available</li> <li>• Miniature size, lightweight, low cost</li> <li>• Quick response time</li> <li>• Dependable long life (20+ million cycles)</li> <li>• Gold contact points</li> <li>• PCB terminals available</li> <li>• Factory set, tamper-proof</li> </ul>	<ul style="list-style-type: none"> <li>• Pressure</li> <li>• Vacuum</li> <li>• Differential</li> </ul>	0.5" H <sub>2</sub> O to 50" H <sub>2</sub> O	Low Current SPST 30 V, AC/DC Up to 40 mA	P. 8-9
PSF102	 <ul style="list-style-type: none"> <li>• Field adjustable set point, from 0.1" H<sub>2</sub>O to 25 psi</li> <li>• High resolution / accuracy field adj. mechanism</li> <li>• Many standard ports and mounting options</li> <li>• Custom design and engineering available</li> <li>• Miniature size, lightweight, low cost</li> <li>• Dependable long life (20+ million cycles)</li> <li>• Gold contact points</li> <li>• PCB terminals available</li> </ul>	<ul style="list-style-type: none"> <li>• Pressure</li> <li>• Vacuum</li> <li>• Differential</li> </ul>	0.03" H <sub>2</sub> O to 25 psi	Low Current SPST 30 V, AC/DC Up to 40 mA	P. 10-11
PSF103	 <ul style="list-style-type: none"> <li>• Pressure switch with controllable hysteresis (deadband)</li> <li>• Field adjustable pressure set point, from 2" H<sub>2</sub>O to 60 psi</li> <li>• Snap action basic switch, up to 25A*, 125/250 VAC <small>*Not available on all ranges</small></li> <li>• Many standard pressure ports and mounting options</li> <li>• Small size, lightweight, low cost</li> <li>• Dependable long life (10+ million cycles)</li> <li>• Silver contact points (Gold available special order)</li> </ul>	<ul style="list-style-type: none"> <li>• Pressure</li> </ul>	2.0" H <sub>2</sub> O to 60 psi	High Current SPDT 125/250 VAC Up to 25A	P. 12-13
PSF109S	 <ul style="list-style-type: none"> <li>• Vacuum switch with controllable hysteresis (deadband)</li> <li>• Field adjustable vacuum set point, from -3" H<sub>2</sub>O to -12 psi</li> <li>• Snap action basic switch, up to 25A*, 125/250 VAC <small>*Not available on all ranges</small></li> <li>• Vacuum Port: .250" diameter, 1/8" NPT or quick connect</li> <li>• Small size, lightweight, low cost</li> <li>• Dependable long life (10+ million cycles)</li> <li>• Silver contact points (Gold available special order)</li> </ul>	<ul style="list-style-type: none"> <li>• Vacuum</li> </ul>	-3.0" H <sub>2</sub> O to -12 psi vacuum	High Current SPDT 125/250 VAC Up to 25A	P. 14-15
GOLDTECH 100/160	 <ul style="list-style-type: none"> <li>• Reliable performance under harsh / adverse conditions</li> <li>• Standard set point models: 0.07" H<sub>2</sub>O to 5.0" H<sub>2</sub>O</li> <li>• Field adjustable set point models: 0.2" H<sub>2</sub>O to 5.0" H<sub>2</sub>O</li> <li>• Multi-barb port connections standard: .250in. and .375in.</li> <li>• Lightweight, low cost</li> <li>• Dependable (Tested hundreds of thousands of cycles)</li> <li>• Silver contact points</li> </ul>	<ul style="list-style-type: none"> <li>• Pressure</li> <li>• Vacuum</li> <li>• Differential</li> </ul>	ADJUSTABLE 0.2" H <sub>2</sub> O to 5.0" H <sub>2</sub> O  FACTORY SET 0.07" H <sub>2</sub> O to 5.0" H <sub>2</sub> O	High Current Low Current SPDT  5A 125/250 VAC 3A 125/250 VAC 1/10 HP 125/250 VAC .01A 125/250 VAC	P. 16-17

Special Materials: FDA food grade, extreme temperature, NSF approved | Special Approvals: International and military standards

ISO: 9001:2000 UL - E41523  
MIL-SPEC RoHS Compliant EU  
Banned Substances Compliant

Kontakt für Rückfragen aus  
Deutschland, Österreich und  
Schweiz :



HJK Sensoren + Systeme GmbH & Co. KG

Telefon +49 (0)8233-77 963-0 eMail info@hjk.de

Telefax +49 (0)8233-77 963-11 Internet http://www.hjk.de