

Industry's first!

CE Mark Authorized Equipment
on 70MPa Pressure Switch with the digital display.

AC free-power supply correspondence

High capacity 3A relay output



Extensive lineup

DPGS-70-G4-U
DPGS-70-R3-U
DPGS-70-R3-F
DPGS-70-N3-U
DPGS-70-N3-F

Proven reliability, finer function

Power supply voltage span improved AC90~240V ▶ AC85~264V

Power supply frequency improved greatly 50/60Mz ▶ 47~440Hz

Space saved new shape which is square type changed from former round type

Intuitive handling available in the display speed and other functions due to new software

3 type connection size, universal screw type, and fixed screw type are selectable

RIKEN

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DPGS-70 series

CE Mark
Authorized Equipment

Features

- **The industry's first** one which is CE Mark authorized equipment on 70MPa pressure switch with the digital display.
- Selectable from 5 kinds of connection which includes 3 type size, universal screw type, and fixed screw type for connecting!
Connecting to various equipment capable.
- Featured greatly development from former equivalent item on the electric circuit.
Can corresponds to larger allowable voltage and frequency, it can be used with unstable power supply without anxiety.
- Easy control available on pressure setting of long press of the button due to new software.
- Equipped new function that warns with flicker if abnormal value set.



Specification

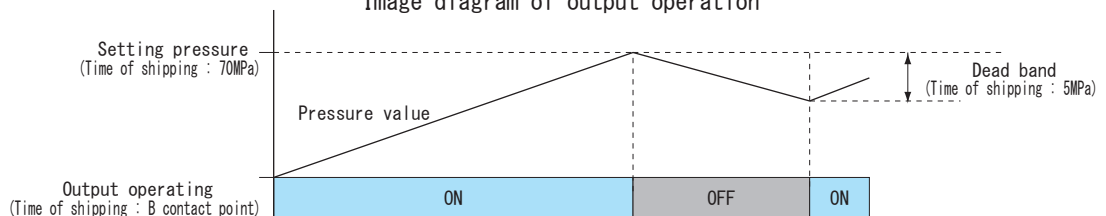
Type	Screw connection size Screw type	Maximum operating pressure	Rated voltage Allowable voltage	Contact capacity	Display precision	Conformity standards
DPGS-70-G4-U	G1/2 Universal screw <small>(Note 1)</small>	70MPa	Rated voltage AC100V ~ 240V 50/60Hz (Allowable voltage) AC85 ~ 264V 47 ~ 440Hz	AC250V 3A (Resistive load) 1A, 1B	±1%R. C. <small>(Note 3)</small>	RoHS Directive [2002/95/EC] EMC Directive [2004/108/EC] (EN61326-1:2006, EN61326-2-3:2006) Low Voltage Directive [EN61010-1:2010]
DPGS-70-R3-U	R3/8 Universal screw					
DPGS-70-R3-F	R3/8 Fixed screw <small>(Note 2)</small>					
DPGS-70-N3-U	NPT3/8 Universal screw					
DPGS-70-N3-F	NPT3/8 Fixed screw <small>(Note 2)</small>					

(Note 1) The mounting brackets and seal kit for pressure gauge are required for connecting.

(Note 2) Approximate 70mm radius from center of screw is required as rotation margin of DPGS-70 main body.

(Note 3) Measuring range of sensor only is 100MPa specification, R. C. is basis on 100MPa either.

Image diagram of output operation



※These specifications are subject to change without notice.

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