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: 50/60Hz → 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
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

<table>
<thead>
<tr>
<th>Type</th>
<th>Screw connection size Screw type</th>
<th>Maximum operating pressure</th>
<th>Rated voltage</th>
<th>Allowable voltage</th>
<th>Contact capacity</th>
<th>Display precision</th>
<th>Conformity standards</th>
</tr>
</thead>
<tbody>
<tr>
<td>DPGS-70-6U-U</td>
<td>G1/2 Universal screw</td>
<td>70MPa</td>
<td>AC100V~240V</td>
<td>50/60Hz</td>
<td>±1%R.C.</td>
<td>±1%R.C.</td>
<td>RoHS Directive [2002/95/EC]</td>
</tr>
<tr>
<td>DPGS-70-N3-U</td>
<td>NPT3/8 Universal screw</td>
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<tr>
<td>DPGS-70-N3-F</td>
<td>NPT3/8 Fixed screw</td>
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</tbody>
</table>

(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

- Setting pressure (Time of shipping : 70MPa)
- Output operating (Time of shipping : 8 contact point)
- Pressure value
- ON
- OFF
- ON
- Dead band (Time of shipping : 5MPa)

※ These specifications are subject to change without notice.