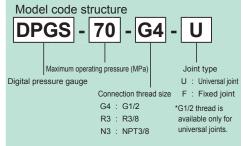
Switches

Digital Pressure Gauges (DPGS-70)

- •The industry's first digital pressure gauge with CE marking.
- One digital pressure gauge alone can function as both pressure display and pressure switch.
- The one-touch keys on the body allow easy operation. The key lock is also provided to prevent operator errors.
- The kN display is also available as a special function. (The display range is from 0 to 1999.)
- Universal joint models allow users to select the desired display orientation.

■DPGS-70



■ Specifications

Model	Maximum operating pressure MPa	Rated voltage Allowable voltage	Factory setting	Output contact	Display accuracy R.C.	Conformed standard	
DPGS-70-G4-U	70	Rated voltage 100 to 240 VAC 50/60 Hz Allowable voltage 85 to 264 VAC 47 to 440 Hz	Preset pressure: 70 MPa Dead band: 5 MPa Output operation: B contact	250 VAC 3 A (resistive load) 1A, 1B	±1 % (Note 1)	RoHS Directive Low Voltage Directive EMC Directive (industrial electromagnetic environment)	
DPGS-70-R3-U							
DPGS-70-R3-F							
DPGS-70-N3-U							
DPGS-70-N3-F							

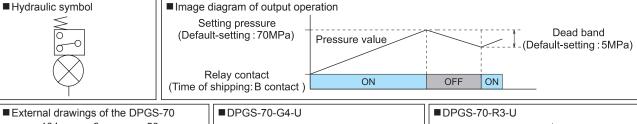
^{*}If an inverter is used, install the power supply for the DPGS-70 to the primary side.

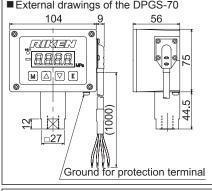
■ Mounting method

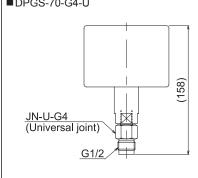
Model	Mounting method			
DPGS-70-G4-U	Mount the gauge on a pressure gauge mounting bracket (page 163). The S-111 packing is required.			
DPGS-70-R3-U	After securing the T-4 mounting bracket (accessory), mount the gauge using the S-111 packing (accessory).			
DPGS-70-R3-F	After wrapping seal tape around the R3/8 joint, mount the gauge directly. (Note 2)			
DPGS-70-N3-U	After securing the T-4-NPT mounting bracket (accessory), mount the gauge using the S-111 packing (accessory).			
DPGS-70-N3-F	After wrapping seal tape around the NPT 3/8 joint, mount the gauge directly. (Note 2)			

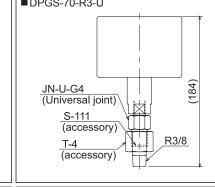
(Note 1) Because the measurement range of the sensor is 100.0 MPa, R.C. is 100 MPa.

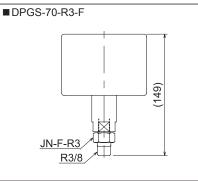
(Note 2) A radius of about 70 mm from the center of the joint is required for the rotation of the DPGS-70.

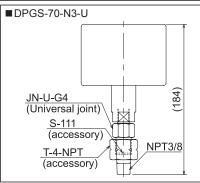


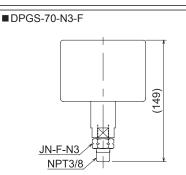












Pressure Gauge Mounting Brackets

- Various mounting brackets for pressure gauges are available for various applications.
- The T-1 to T-5 are used for mounting Riken pressure gauges and pressure switches.

 The T-1 to T-5 are used for mounting Riken pressure gauges and pressure switches.

(Except the DPGS-70-R3-U, DPGS-70-R3-F, DPGS-70-N3-U, DPGS-70-N3-F, and SPS-7A)

- S-111 pressure gauge packing is included. (Except the T-6)
- Some standard pumps include a pressure gauge mounting bracket. Check the details on the pump.

