

## Explosion Proof (Flameproof) Solenoid Operated Directional Valves

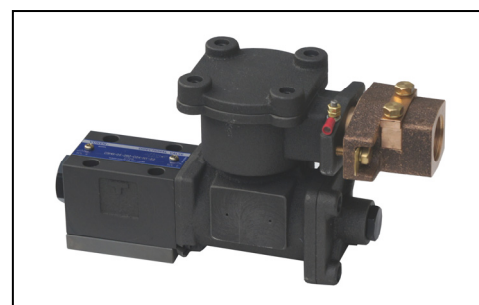
DSG-01-\*\*\*-X\*-70

### Notice of Model Change

We are pleased to announce that the 1/8 explosion proof (flameproof) solenoid operated directional valves, highly appreciated since their release, will be remodeled, and their design number will be changed from 50 to 70.

#### ■Description of the Change

Sharing common parts with DSG-01 series solenoid operated directional valves with the design number 70, which are highly appreciated for their high pressure, high flow and low pressure drop characteristics, the 1/8 explosion proof (flameproof) solenoid operated directional valves now has high pressure, high flow and low pressure drop characteristics equivalent to those of DSG-01 series valves with the design number 70. Threaded conduit connection type models are provided with a sealing fitting<sup>®</sup> at a cable entrance.



As the design number of the 1/8 explosion proof (flameproof) solenoid operated directional valves will be changed 70, we also announce that solenoid controlled pilot operated directional valves (DSHG-06 and -10), which use a 1/8 explosion proof (flameproof) solenoid operated directional valve as a pilot valve, will also be remodeled.

★An electrical material used in explosion-proof work to seal a gap between the box and the conduit and shut off air.

#### ■Applicable Models

Name	New Model Number	Old Model Number
1/8 Explosion Proof (Flameproof) Solenoid Operated Directional Valves	DSG-01-***-X*-70	DSG-01-***-X*-50
3/4 Solenoid Controlled Pilot Operated Directional Valves (Explosion Proof (Flameproof) Type)	DSHG-06-***- <sup>D</sup> <sub>R</sub> *X*-53	DSHG-06-***- <sup>D</sup> <sub>R</sub> *X*-51
1 1/4 Solenoid Controlled Pilot Operated Directional Valves (Explosion Proof (Flameproof) Type)	DSHG-10-***- <sup>D</sup> <sub>R</sub> *X*-43	DSHG-10-***- <sup>D</sup> <sub>R</sub> *X*-41

#### ■Interchangeability between Old and New Models

##### ●Specifications

Item	(New) DSG-01-***-X*-70	(Old) DSG-01-***-X*-50
Max. Flow <sup>Note 1)</sup>	100 L/min	35 L/min
Max. Operating Pressure	35 MPa	31.5 MPa (25 MPa in the case of spool types 5 and 60)
Max. T-Line Back Pressure	14 MPa	
Max. Changeover Frequency	300 min <sup>-1</sup> (Models with DC solenoids) 120 min <sup>-1</sup> (Models with R type solenoids)	120 min <sup>-1</sup>

Note 1) The Max. flow varies depending on the spool type, operating conditions, etc.; for details, contact us.

2) The specifications of DSHG-06 and -10 remain unchanged.

##### ●Interchangeability in Installation

Though there are dimensional changes in relation to the sealing fitting for the threaded conduit connection type models, interchangeability in installation is maintained.

# PRODUCT NEWS

## ■Certificate Number

Certificate numbers issued by the Technology Institution of Industrial Safety (TIIS) are as follows.

Certificate Number		
(New) DSG-01-***-*X*-70		(Old) DSG-01-***-*X*-50
Threaded Conduit Connection Type	Flameproof Packing Type	
T67046	T67037	

## ■Sales Material

For installation drawings, see the table below.

Name	Model Number	Installation Drawing
1/8 Explosion Proof (Flameproof) Solenoid Operated Directional Valves	DSG-01-***-*X*-70	1790S-VA330784-0
3/4 Solenoid Controlled Pilot Operated Directional Valves (Explosion Proof (Flameproof) Type)	DSHG-06-*** <sup>D</sup> <sub>R</sub> *X*-53	781S-VA327379-4
1 1/4 Solenoid Controlled Pilot Operated Directional Valves (Explosion Proof (Flameproof) Type)	DSHG-10-*** <sup>D</sup> <sub>R</sub> *X*-43	783S-VA327380-2

## ■Timing of Release

Scheduled to be released after the stock of the old models runs out. (Applied to orders from July 2015. The schedule may be accelerated in case the stock runs out earlier.)

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### Contact

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