

FLOW INSTRUMENTS

Gas Flow Meter & Switch

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MODEL : DPDT / DPLT / DSDT / DSLT



DPDT

DPLT

DSDT

DSLT

DPDT / DPLT / DSDT / DSLT gas flow meters & Switch is for measuring the flow of non-corrosive gases that do not contain sludge.

DPDT · DPLT have an LCD display and DC24V power; DSDT · DSLT have an LED display, AC100~220V 50/60Hz power and are explosion-proof (Explosion proof type).

The material is STS304 or STS316, the connection is 150# · 300# flange, the applicable piping is 3/8B ~ 24B (10A ~ 600A), and the turndown is 6:1.

The output is 4~20mA or 1~5V DC plus a contact (Contact) output, and the accuracy is $\pm 1.5\%$.

3/8B ~ 24B (10A ~ 600A) Turndown 6:1 $\pm 1.5\%$ Explosion-proof type (DSDT / DSLT)

Types · model configuration

Item	DPDT LCD · DC24V	DPLT LCD · DC24V	DSDT LED · AC · explosion-proof	DSLT LED · AC · explosion-proof
Features	For non-corrosive gases free of sludge	For non-corrosive gases free of sludge	For non-corrosive gases free of sludge · explosion-proof	For non-corrosive gases free of sludge · explosion-proof
Turndown	6:1	6:1	6:1	6:1
Materials	STS304, STS316	STS304, STS316	STS304, STS316	STS304, STS316
Connection	Flange 150#, 300#	Flange 150#, 300#	Flange 150#, 300#	Flange 150#, 300#
Applicable piping	3/8B~24B (10A~600A) Pipe	3/8B~24B (10A~600A) Pipe	3/8B~24B (10A~600A) Pipe	3/8B~24B (10A~600A) Pipe
Display	LCD	LCD	LED	LED
Power supply	DC24V	DC24V	AC100~220V 50/60Hz	AC100~220V 50/60Hz
Output	4~20mA or 1~5V DC, Contact	4~20mA or 1~5V DC, Contact	4~20mA or 1~5V DC, Contact	–
Accuracy	$\pm 1.5\%$	$\pm 1.5\%$	$\pm 1.5\%$	–

Technical Specifications

Item	Value
Fluids	Non-corrosive gases not containing sludge
Turndown	6:1
Materials	STS304, STS316
Connection (Mounting)	Flange 150#, 300#
Applicable piping	3/8B~24B (10A~600A) Pipe
Display	LCD (DPDT, DPLT) / LED (DSDT, DSLT)
Power supply	DC24V (DPDT, DPLT) / AC100~220V 50/60Hz (DSDT, DSLT)
Output	4~20mA or 1~5V DC, Contact

Item	Value
Accuracy	$\pm 1.5\%$ ※ Based on DPDT, DPLT, DSDT
Explosion-proof	Explosion proof type (DSDT, DSLT)