Deltatop DR61S

More information and current pricing:
www.apsc.endress.com/DR61S

Benefits:

- Customized or application-specific flowmeter systems based on the differential pressure method for special applications, such as controlled pressure reduction or restriction flow
- Optimized for wishes pressure loss
- Single hole, multi holes or multistep design
- Plate thickness is calculated based on AD 2000
- Robust design without moving parts

Specs at a glance

- **Max. measurement error** n.a.
- **Measuring range** n.a.
- **Medium temperature range** -200°C ... 1000°C -328°F ... 1832°F
- **Max. process pressure** PN2,5 ... 400 Cl.150 ... 4500

Field of application: The Deltatop DR61S is part of the universal differential pressure flowmeter systems with primary elements as Venturi tubes, nozzles, orifice plates and Deltabar differential pressure transmitters. Restriction orifices are installed in pipes with the specific aim of reducing pressure or restricting flow. Generally speaking, restriction orifices are very similar to orifice plates but the former do not need an additional transmitter as in the case of flow measurement.

Features and specifications

Liquids

Measuring principle
Differential pressure

Product headline
Restriction orifice for controlled pressure reduction or flow limitation.

Liquids

Sensor features

Carrier ring versions.
Weld-in versions.
Multihole/multistep design available for reduced noise level and cavitaion prevention.

Nominal diameter range

DN 10...2000
1/4" ... 80"

Max. measurement error

n.a.

Measuring range

n.a.

Max. process pressure

PN2,5 ... 400
Cl.150 ... 4500

Medium temperature range

-200°C ... 1000°C
-328°F ... 1832°F

Degree of protection

n.a.

Display/Operation

n.a.

Outputs

n.a.

Inputs

n.a.

Digital communication

n.a.

Liquids

Hazardous area approvals

n.a.

Steam

Measuring principle

Differential pressure

Product headline

Restriction orifice for controlled pressure reduction or flow limitation.

Sensor features

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Weld-in versions.
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Nominal diameter range

DN 10...2000
1/4" ... 80"

Max. measurement error

n.a.

Max. process pressure

PN2,5 ... 400
Cl.150 ... 4500

Medium temperature range

-200°C ... 1000°C
-328°F ... 1832°F

Outputs

n.a.

Digital communication

n.a.

Gas

Measuring principle
Differential pressure

Product headline
Restriction orifice for controlled pressure reduction or flow limitation.

Sensor features
Carrier ring versions.
Weld-in versions.
Multihole/multistep design available for reduced noise level and cavitaion prevention.

Nominal diameter range
DN 10...2000
1/4" ... 80"

Max. measurement error
n.a.

Max. process pressure
PN2,5 ... 400
Cl.150 ... 4500

Medium temperature range
-200°C ... 1000°C
-328°F ... 1832°F

Outputs
n.a.

Digital communication
n.a.

More information **www.apsc.endress.com/DR61S**

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