

RT-30SD Flow Transmitter with Local Display

Common Uses

The RT-30SD is our easy-to-program flow transmitter with digital display, suitable for indoor and outdoor installations. This transmitter offers numerous outputs and displays flow rate, flow total, grand total in the engineering units of your choice. It is available in local mount or remote mounting options. Applications include:

- Chemical injection
- Automotive/Industrial paint circulation systems
- Petrochemical processing
- Onshore oil recovery & hydraulic fracturing
- Natural gas odorization



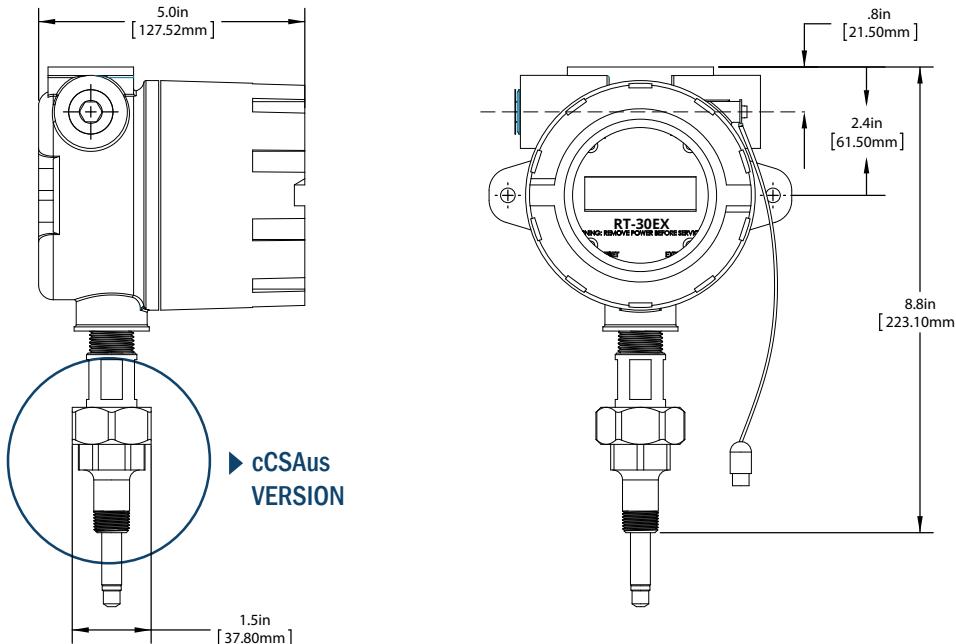
Technical Specifications

Power Requirement	9-24 VDC / 200mA (customer supplied) Class 2
Digital Display	Graphic backlit LCD display offers a variety of screens: <ul style="list-style-type: none">• Rate*• Total*• Rate & Total*• Grand Total*• Status• Analog Out• Limit
Analog Output 4-20mA	3- or 2-wire plus separate supply, Max load impedance 500 ohm
Frequency Output	
Three Opto-Isolated Open-Collector Outputs	<ul style="list-style-type: none">• Frequency or limit outputs• 5-30 VDC rating• 40 mA max (min. load impedance required 600 Ohm @ 30 VDC)
One Opto-Isolated Input	9-24 VDC remote reset
Temperature Rating	-20 to 85°C (-4 to 185°F)
Linearization	Built-In 30-Point Linearizer
Frequency Range	0-4,500 Hz
Connection	3/4" female NPT conduit provisions

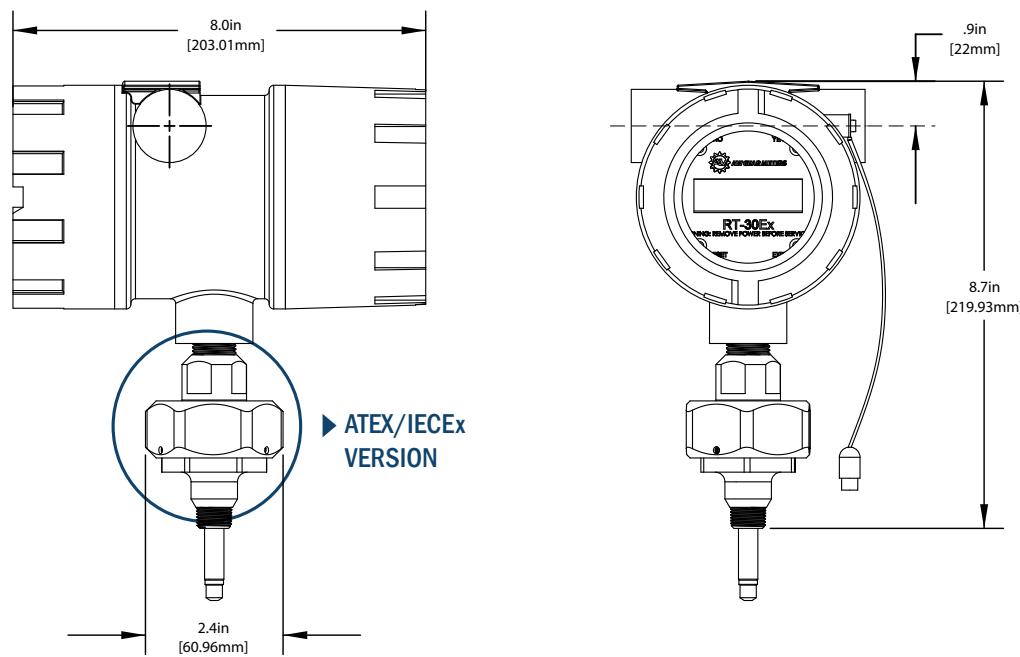
* Data displayed in up to 10 characters.

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Single Access Enclosure (shown here with HUB-40 sensor)



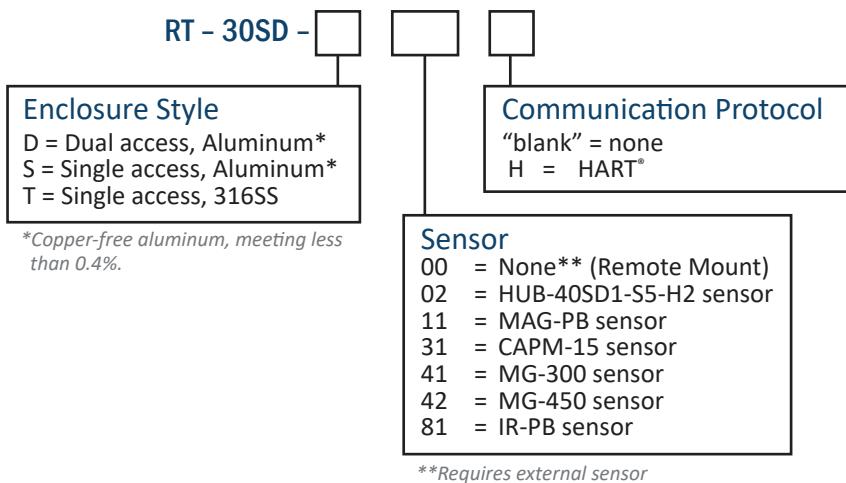
Dual Access Enclosure (shown here with HUB-41 sensor)



Products may be subject to change without notice - Contact factory for the most up-to-date product information.

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Part Number Guide



RT-30SD with dual access aluminum enclosure



RT-30SD with single access 316 stainless steel enclosure

End-of-Life Disposal:

At the end of its service life, this product and its associated electronics should **not be discarded with municipal solid waste**. We strongly recommend recycling the unit in accordance with all applicable local, state, and federal regulations. Electronic components may qualify as universal waste and should be handled through an appropriate recycling or collection program. Responsible recycling supports our commitment to environmental stewardship under **ISO 14001**.

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