Product data sheet

Specification





Magnetic flow transmitter - advanced diagnostics, hazardous areas certified

IMT33A

Main

Range Of Product	Flow	
Product Or Component Type	Magnetic flowmeter transmitter	
Device Application	To measure the flow of pressure for liquid, gas, steam	
Market Segment	Food and beverage	
	Pharmaceutical	
	Chemical	
	Power plant	
	Paper and pulp	
Product Specific Application	To measure flow with low conductivity media	
	To measure flow with high solid media	
	To measure flow with entrained air	
	To measure flow with inhomogeneous media	
	To measure flow with abrasive media	
	To measure flow with corrosive media	

Complementary

[Us] Rated Supply Voltage	100230 V AC
	24 V AC/DC
	1224 V DC
Maximum Power Consumption In Va	22 VA AC
Output Type	Binary
	Current
	Pulsed output
Maximum Power Consumption In W	12 W DC
Communication Port Protocol	Hart protocol tolerance
	Modbus
	FOUNDATION fieldbus
Electrical Conductivity	1 μS/cm
Drift Of The Sensitivity	+/- 0.01 %
Input Type	Binary
	Current
Network And Machine Diagnosis	Local counter
Туре	Empty pipe detection
	Deposit on electrodes
	Short circuit
	Corrosion detection
	Temperature
	Gas bubbles detection
	Partial filling detection
	Solid detection
Housing Material	Aluminum polyester coated
	Stainless steel
Mounting Location	Directly connect to the flow sensor
	Field mounting

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Environment

Ambient Air Temperature For Operation	-40149 °F (-4065 °C)
Product Certifications	ATEX
	IECEx
	FM
	NEPSI
	CSA
	cCSAus
Ambient Air Temperature For Storage	-49149 °F (-4565 °C)
	-40149 °F (-4065 °C)



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Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >





Transparency RoHS/REACh

Well-being performance



Mercury Free



Rohs Exemption Information

Yes

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.
Circularity Profile	End of Life Information
California Proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov