Product data sheet

Specifications



Ceramic magnetic wafer flow tube for use in aggressive media applications

8500A

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 Chemical Paper and pulp

Complementary

Product Specific Application	Dosing Injection To measure flow with acid media To measure flow with alkaline media To measure flow with abrasive slurry media Mining minerals and metals
Measurement accuracy	+/- 0.3 % of reading with IMT31A +/- 0.15 % of reading with IMT33A +/- 0.5 % of reading with IMT30A
Electrical conductivity	1 µS/cm
Drift of the sensitivity	+/- 0.01 %
Mounting location	Wall mounting Wall mounting Field mounting
Device composition	liner ceramic electrode platinium electrode cermet
Tube diameter	0.10…3.94 in (2.5…100 mm) 0.1…4 in (2.54…101.60 mm)
Name of test	Vibration Shocks
Mounting support	Wafer conforming to EN 1092-1 Wafer conforming to ASME B16.5 Wafer conforming to JIS

Environment

Ambient air temperature for operation	-40…284 °F (-40…140 °C) with compact version -40…356 °F (-40…180 °C) with remote version
Product Certifications	CE ATEX FM CSA IECEx NEPSI

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Standards	IEC 60529

Offer Sustainability

Sustainable offer status	Green Premium product
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
REACh Regulation	REACh Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.