

Product data sheet

Specifications

Life Is On | Foxboro
by Schneider Electric



Magnetic flow tube-demanding applications including corrosive, abrasive media

9700A

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	Pharmaceutical Chemical 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 Mining minerals and metals Oil and gas
Device Composition	liner in PFA (perfluoroalkoxy) liner in PTFE (polytetrafluoroethylene) liner in ETFE (ethylene tetrafluoroethylene) liner in polyurethane electrode in hastelloy electrode in stainless steel electrode in titanium electrode in tantalum electrode in platinum

Complementary

Tube Diameter	10...1200 mm 10...2000 mm 9.65...1219.20 mm 9.65...2032.00 mm
Measurement Accuracy	+/- 0.3 % of reading with IMT31A +/- 0.2 % of reading with IMT33A +/- 0.5 % of reading with IMT30A
Drift Of The Sensitivity	+/- 0.01 %
Name Of Test	Vibration Shocks
Mounting Support	Flange conforming to EN 1092-1 Flange conforming to ASME B16.5 Flange conforming to JIS
Mounting Location	Wall mounting (with IMT30A) Wall mounting (with IMT31A) Field mounting (with IMT33A)

Environment

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

Ambient Air Temperature For Operation	-40...180 °C with PFA or PTFE liner for remote -40...140 °C with PFA or PTFE liner for IMT33A -40...120 °C with PFA or PTFE liner for IMT30A -40...120 °C with PFA or PTFE liner for IMT31A -5...80 °C with hard rubber liner -5...60 °C with soft rubber liner -5...65 °C with polyurethane liner
Product Certifications	CE ATEX FM CSA IECEX NEPSI
Standards	IEC 60529

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

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