

Product data sheet

Specifications

Life Is On | Foxboro
by Schneider Electric



Reliable flanged magnetic flow tube for water and wastewater measurement

9500A

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 Cosmetics Power
Product Specific Application	Water abstraction Drinking water dtribution network Irrigation Process water Cooling water Wastewater Purification Desalination Mining minerals and metals
Device Composition	liner in PFA (perfluoroalkoxy) electrode in hastelloy electrode in stainless steel electrode in titanium electrode in platinum electrode in tantalum

Complementary

Tube Diameter	2.5...150 mm 2.54...152.40 mm
Communication Port Protocol	Hart protocol tolerance FOUNDATION fieldbus Modbus
Measurement Accuracy	+/- 0.3 % of reading with IMT31A +/- 0.2 % of reading with IMT33A
Drift Of The Sensitivity	+/- 0.01 %
Housing Material	Stainless steel
Name Of Test	Vibration Shocks
Mounting Support	Flange
Mounting Location	Wall mounting (with IMT30A) Wall mounting (with IMT31A) Field mounting (with IMT33A)

Environment

Ambient Air Temperature For Operation	-5...80 °C with hard rubber liner -5...90 °C with polypropylene liner -5...80 °C with polyolefin liner
---------------------------------------	--------------------------------------------------------------------------------------------------------------

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

Product Certifications	CE
	ATEX
	FM
	CSA
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