

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 dstribution network Irrigation Process water Cooling water Wastewater Purification Desalination Mining minerals and metals | | |
| Device composition | liner PFA (perfluoroalkoxy) electrode hastelloy electrode stainless steel electrode titanium electrode platinium electrode tantalum | | |

Complementary

| Tube diameter | 0.105.9 in (2.5150 mm) 0.16 in (2.5152.4 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 | 23176 °F (-580 °C) with hard rubber liner |
|-----------------------------|---|
| operation | 23194 °F (-590 °C) with polypropylene liner |
| | 23176 °F (-580 °C) with polyolefin liner |

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

| Product Certifications | CE ATEX FM CSA |
|------------------------|-------------------------|
| Standards | IEC 60529 |



Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

| ☑ Environmental footprint | | |
|--|-------------------------------|--|
| Carbon footprint (kg CO2 eq, Total Life cycle) | 543 | |
| Environmental Disclosure | Product Environmental Profile | |

Use Better

| ⊗ Materials and Substances | |
|--|---|
| Packaging made with recycled cardboard | No |
| Packaging without single use plastic | No |
| EU RoHS Directive | Compliant with Exemptions |
| REACh Regulation | REACh Declaration |
| 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 |

Use Again

| ○ Repack and remanufacture | |
|----------------------------|-------------------------|
| Circularity Profile | End of Life Information |
| Take-back | No |

Product data sheet

9500A

Image of product / Alternate images

Alternative

