



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

Complementary

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
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 %
Mounting location	Wall mounting (with IMT30A) Wall mounting (with IMT31A) Field mounting (with IMT33A)
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
Tube diameter	10...1200 mm

10...2000 mm
9.65...1219.20 mm
9.65...2032.00 mm

Name of test	Vibration Shocks
Mounting support	Flange conforming to EN 1092-1 Flange conforming to ASME B16.5 Flange conforming to JIS

Environment

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

Offer Sustainability

REACH free of SVHC	Yes
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