



- **The Electromagnetic Flowmeter (EMF) can be used to accurately measure the flowrate of liquids which have an electrical conductivity greater than 5 $\mu\text{S}/\text{cm}$ (20 $\mu\text{S}/\text{cm}$ for demineralized water). The COPA-XE is a flow measurement system in a Compact Design. The MAG-XE flow measurement system consists of a flowmeter primary and a remote mounted converter**
- **Flowmeter primary for hygienic processes**
 - The basic flowmeter body is installed using threaded adapters which are matched to the respective pipeline connections. The following connections are available:
 - Weld stubs
 - Food industry fittings per DIN 11851
 - Tri-Clamp
 - Wafer and fixed flange designs
 - Certificates EHEDG, FML, 3A
- **Flowmeter primary for the process industry and water/waste water**
 - Flange and wafer designs
 - DVGW Test Report
 - Certifiable for cold and waste water and fluids other than water
- **Converter**
 - Communication PROFIBUS DP, HART-Protocol, FOUNDATION Fieldbus, PROFIBUS PA
 - Pulse output, configurable (active/passive)
 - Data secured in a plug-in EEPROM
 - Graphic display
 - Self-monitoring functions
 - Comprehensive test and simulation functions



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Abb Flowmeter Manual

Christian Drosten



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web grivation is calculated by adding variation and convergence algebraically in this case variation is west and convergence is east opposite directions so the algebraic sum becomes 29 w 69 e 40 e grivation the grivation is then applied to the magnetic heading grivation east magnetic least 345 40 025 g

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web the magnetic pole is currently in the far north of canada and has been for there approximately for 200 year this all means that is you are sitting in the uk a magnetic compass points approxima tely 3 5 degrees to the west of true north this difference is known a variation variation is relatively predictable and is marked on the chart

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