

Endress+Hauser Electromagnetic flowmeter DMA50-AAAAA1

Smart, pocket-sized magmeter for utilities, ideal for process control and monitoring due to temperature and conductivity measurement.



Picture for reference only. Product appearance may vary based on configuration

Picomag is a compact electromagnetic flowmeter that simultaneously measures flow, temperature and conductivity. The device is suited for applications in secondary circuits with conductive liquids, and the bidirectional measuring principle is virtually independent of pressure, density, temperature and viscosity. Wireless connection to the SmartBlue app over Bluetooth® ensures fast and easy plug-and-play commissioning , operation and maintenance. Depending on the chosen diameter, the maximum flow rate is 35 l/min (DMA15, DN15), 75 l/min (DMA20, DN20), 150 l/min (DMA25, DN25) or 750 l/min (DMA50, DN50). Conductivities from 20 to 10 000 µS/cm (DMA50) or up to 30 000 µS/cm (DMA15, DMA20, DMA25) can be measured. The temperature measurement range is -10 to 70 °C independent of the diameter.

- Three measurements in one device: volume flow, temperature, conductivity
- Intuitive configuration and operation as well as easy access via SmartBlue app, ideal for measuring points that are difficult to access
- Large user-friendly and auto-rotatable display for local process control
- Plug-and-play thanks to IO-Link for easy integration into all fieldbus systems
- Compact size enables installation in tight spaces like skids

Configuration of DMA50-AAAAA1:

Approval:	AA	Non-hazardous area
Output; Input:	A	IO-Link/4-20mA/pulse/switch output/ 2-10V; status input, configurable
Sensor; Seal; Process conn.; Housing:	A	PEEK, stainl. steel; FKM; G male thread; stainl. steel
Device Model:	A1	1

Alternative part number: DMA50-1014/0