

DMA50-AAADA1 Cut Sheet



Endress+Hauser Picomag liquid flow meter, magnetic-inductive, 2in female NPT, 0–198.1 GPM, 14–158 °F, $\pm 3.436 \times 10^{10}$ liters, 20–10,000 $\mu\text{S}/\text{cm}$, Output: switch, pulse, analog, discrete input, IO-Link, Output 2: switch, analog, discrete input, EPDM rubber seal(s).

For complete product information, please see this item on our store at the following link:



<https://www.automationdirect.com/pn/DMA50-AAADA1>

Technical Specifications

Brand	Endress+Hauser
Item	Flow meter
Series	Picomag
Media Type	Water and chemicals
Sensing Type	Magnetic-inductive
Process Connection	2in female NPT
Measuring Range	0–198.1 GPM
Volume Flow Rate Units	GPM, fl oz/min, l/min, l/sec, l/hr, m3/hr, selectable
Measuring Range 2	14–158 °F
Temperature Units	F, C, selectable
Measuring Range 3	$\pm 3.436 \times 10^{10}$ liters
Volume Flow Totalizer Units	Gal, kgal, fl oz, l, kl, Ml, m3, selectable
Measuring Range 4	20–10,000 $\mu\text{S}/\text{cm}$
Conductivity Units	S/m, mS/cm, $\mu\text{S}/\text{cm}$, selectable
Output	Switch, pulse, analog or discrete input, PNP/NPN selectable or 4–20 mA / 2–10 VDC, IO-Link
Output 2	Switch, analog or discrete input, PNP/NPN selectable or 4–20 mA / 2–10 VDC

Operating Voltage	18–30 VDC
Electrical Connection	4-pin M12 quick-disconnect
Seal Material	EPDM rubber
Wetted Parts	316 stainless steel, PEEK, EPDM rubber
Communication Port and Connection Type(s)	• (1) 4-pin M12 A-coded (IO-Link) • Bluetooth
Port Protocol(s)	IO-Link Class A Device
Port Speed(s)	• IO-Link COM2 • BLE 802.15.1
IO-Link Version	IO-Link v1.1
Standard I/O Mode Supported	Yes
IP Rating	IP65 and IP67
Requires	An Android or iOS device with Bluetooth connectivity and SmartBlue App (free download from the Google Play Store and Apple App Store) is required for full sensor configuration.
Additional Information	Purchase cable separately

Agency Approvals

UL Listed File #	E489092
UL Recognized File #	None
UL Hazardous File #	None
CE	View CE declarations
CSA File #	None
RoHS Status	Yes (See CE Doc)
EU REACH	View EU REACH document

Dimensional Drawings



2D Drawing PDF Link:
<https://cdn.automationdirect.com/static/drawings/2d/DMA50-AAADA1.pdf>
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