DMA50-AAACA1 Cut Sheet

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Endress+Hauser Picomag liquid flow meter, magnetic-inductive, 2in female NPT process connection, 0 to 198.1 GPM, 14 to 158 deg F, +/- 3.436E10 liters, 20 to 10,000 µS/cm, Output: switch, pulse, analog, discrete input, IO-Link, Output 2: switch, analog, discrete input.

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

https://www.automationdirect.com/pn/DMA50-AAACA1

Technical Specifications

Brand	Endress+Hauser
Item	Flow meter
Series	Picomag
Media Type	Liquid
Sensing Type	Magnetic-inductive
Process Connection	2in female NPT
Measuring Range	0 to 198.1 GPM
Volume Flow Rate Units	GPM, fl oz/min, l/min, l/sec, l/hr, m3/hr, selectable
Measuring Range 2	14 to 158 deg F
Temperature Units	F, C, selectable
Measuring Range 3	+/- 3.436E10 liters
Volume Flow Totalizer Units	Gal, kgal, fl oz, l, kl, Ml, m3, selectable
Measuring Range 4	20 to 10,000 µS/cm
Conductivity Units	S/m, mS/cm, µS/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
Communication Port and Connection Type(s)	(1) 4-pin M12 A-coded (IO-Link) port(s)
Port Protocol(s)	IO-Link Class A Device
Port Speed(s)	IO-Link COM2
IO-Link Version	IO-Link v1.1
Standard I/O Mode Supported	Yes
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
Other	NSF Approval

Dimensional Drawings

2D Drawing PDF Link:
https://cdn.automationdirect.com/static/drawings/2d/DMA50-AAACA1.pdf
See store item page for other formats.