

POSITIVE DISPLACEMENT FLOW METERS

Description

FOGF-AM4 – 1/2” pulse and LCD meters

The M1 is a small capacity meter in the M-SERIES™ range and is differentiated by its flow rate capabilities. It has the ability to handle a wide range of fluid viscosities with exceptional levels of repeatability and durability.

Features

- Two independent pulse units.
- Flexibility of installation options (e.g. can be mounted horizontally or vertically; no flow conditioning required).
- Low pressure drop allows for economical pump selection or gravity flow applications.
- Meter construction enables fast and easy on-site servicing without removal from application.
- Meter design minimises the number of wearable and replaceable parts and extends product life.
- Meter accuracy is verified by a factory calibration check after which an individual metrology report is issued.
- All LC Displays meet European CE directive for EMC.
- Display/Pulse Version has IP65/NEMA9 protection.
- Intrinsically safe LC Deluxe & Standard Displays. Certificate of conformity number PTB Nr. Ex-93.C.4033x & KEMA O5ATEX1168X

Applications

MODEL	AM4
Meter Type	Pulse/Standart LCD/Deluxe LCD/MR100 Display
Meter Body Material	Aluminium/316 Stainless Steel/Bronze
Wetted Components:	
Rotor Material	316 Stainless Steel/PPS
Shafts	316 Stainless Steel
O’ring	FKM
Flow Rate Ranges (l/min)	
Above 5 cPs	2...30
Below 5 cPs	3...25
Accuracy	+/- 0,5%
(Of Reading)	
Repeatability	0.03%
Maximum Viscosity	1000 Centipoise (Optional High Viscosity Rotors)
Max. Operating Press.	55 Bar
Pulser Type	Dual Hall Effect Sensor/ Reed Switch
Pulses/l	112
Max. Operating Temp.	80°C/Optional 120°C
Recommended Mesh	60 Mesh
Strainer	



Standart LCD



Deluxe LCD



MR100 LCD

Port Size

To order flowmeter you must replace ‘X’ with the relevant number. This number will determine the following specifications:

Port Size:	Calibrated In:	Electrical Connections
1 = 1/2” BSP (F) ports	Litres	20mm (F) Conduit Thread
2 = 1/2” NPT (F) ports	US Gallons	1/2” NPT

PPS = Polyphenylene Sulfide Resins



Option and Accessories

..AM4 - 1/2" Pulse Meters	..AM4ARX-X	..AM4ASX-X	..AM4SRX-X	..AM4SSX-X	..A M4BRX-X
FKM O-Ring	○	○	○	○	○
FEP O-Ring	○	○	○	○	○
EPDM O-Ring	○	○	○	○	○
High Temp Rotors	○	●	○	●	○
High Viscosity Rotors	○	○	○	○	○
Hall Effect Sensor	○	○	○	○	○
Reed Switch	●	●	●	●	●
Solvent Kit	-	-	-	-	-
Hastalloy C Shafts	-	-	-	-	-
Protective Boot Deluxe LCD	-	+	+	+	○
Protective Boot Standard Display	-	+	+	+	○
Remote Mounted LC Display	+	+	+	+	+
Heating Jacket	-	-	-	-	-
4-20mA Module (Meter or Remote Mount)	+	+	+	+	+

● Standard ○ Optional - Not Available + Accessory

Dimensions

