

MX 06 – ¼” DIGITAL FLOW METERS

SUITABLE FOR FLOW RANGE 0.5–100L/HR



MX06P-1SE
Stainless steel body with LCD register

Output variations:



B -Ex approved (Ex ia)
Intrinsically Safe –NPN
N -Ex approved (Ex ia)
Intrinsically Safe –NAMUR
T -High Temperature
Max temp –150°C



F -ER
LCD Display (17mm)
G-ERA
LCD Display (17mm)
H-ERB
LCD Display (17mm)
Batch controller



D -PR
LCD Display (12mm)
E -PRA
LCD Display (12mm)
with outputs



A -Standard Pulse
Reel/Hall Effect
I -Standard Pulse
Reel/Reed Effect
J -Standard Pulse
Hall/Hall Effect
K -High Resolution
Hall NPN

The MX06 ¼” Digital Flow Meters are suitable for flows between 0.5–100L/hr. The ¼” Digital Flow Meters have an accuracy of +/-0.5% and provides exceptional levels of reliability and durability.

SPECIFICATIONS

	MX06F		MX06S		MX06P	
Materials of Construction	Aluminium(6061)		Aluminium(6061)		Stainless Steel (316)	
Meter Body	Aluminium(6061)		Aluminium(6061)		Stainless Steel (316)	
Rotor	PPS		Stainless Steel (316)		PPS Stainless Steel (316)	
Seals	Fluorocarbon(FKM)		PTFE Encapsulated(FEP)		PTFE Encapsulated(FEP)	
Design Specifications	¼” G ¼”NPT		¼” G ¼”NPT		¼” G ¼”NPT	
Technical Specifications						
Flow rate	<5cP 2–100L/hr 0.5–26USG/hr	>5cP 0.5–100L/hr 0.13–26USG/hr	<5cP 2–100L/hr 0.5–26USG/hr	>5cP 0.5–100L/hr 0.13–26USG/hr	<5cP 2–100L/hr 0.5–26USG/hr	>5cP 0.5–100L/hr 0.13–26USG/hr
Non-lubricating fluids	6–100L/hr 1.58–26USG/hr		6–100L/hr 1.58–26USG/hr		6–100L/hr 1.58–26USG/hr	
Operating Temperature Range*	–40 –80°C –40 –176°F		–40 –120°C –40 –248°F		–40 –80°C (150°C with high temp. rotors) –40 –176°F (302°F with high temp. rotors)	
Max. Operating Pressure	1000psi 69bar		1000psi 69bar		1000psi 69bar	
Accuracy	+/-0.5%		+/-0.5%		+/-0.5%	
Repeatability	+/-0.03%		+/-0.03%		+/-0.03%	
Nominal K-Factor	1000 Pulses/L		1000 Pulses/L		1000 Pulses/L	

*Temperature based on standard pulse output –subject to change dependant on rotor and output type, contact Macnaught technical support for further investigations