PRODUCT DATA SHEET

MX75F-1SA - 3" DIGITAL FLOW METER WITH STANDARD PULSE

The MX Series 3" DIGITAL FLOW METER are suitable for flows between 20 – 733 L/min (5.28 - 193.64 GPM), providing highly accurate flow measurement performance. The MX Series offers ±±0.5% accuracy of true reading in a compact footprint, requiring no flow conditioning and with high pressure and temperature capabilities.

Key features include:

- Aluminium (6061) construction
- FKM (Viton) seals
- Maximum flow rate 733 L/min / 193.64 GPM
- Accuracy of ±±0.5% of reading
- Exceptional repeatability of ±±0.03%
- Temperature up to 120 °C / 248 °F
- 1 point factory calibration as standard, with additional points upon request

B.E.S. FLOWMETERS
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SPECIFICATIONS

MX75F-1SA

	MX75F-1SA		
Material of construction			
Meter Body	Aluminium (6061)		
Rotor	Aluminium (6061)		
Seals	FKM (Viton)		
Design Specifications			
Process Connections	3" G Thread		
Technical Specifications	min	max	
Flow rate			
< 5cPr	60	600	L/min
	15.85	158.50	GPM
> 5cP	20	733	L/min
	5.28	193.64	GPM
Non lubricating fluids	-	733	L/min
	-	193.64	GPM
Operating Temperature Range**	-40	120	°C
	-40	248	°F
Accuracy (±%)	±0.5%		
Repeatability (±%)	±0.03%		
Nominal K-Factor	2.58 Pulses/Litre		
	9.77 Pulses/Gallon		

OUTPUT TYPE

STANDARD PULSE

	Standard Pulse
Construction	Polypropylene
IP Rating	IP67
Temp	Min: -40 Max: 120 °C Min: -40 Max: 248 °F
EX Approvals	- Please refer to instruction manual and certification documentation for product appropriate certification information
Display	
Digit size (upper/lower)	-mm/-mm
Accumulated total	✖
Resettable total	✖
Preset total	✖
Flow rate	✖
Outputs	
4-20 mA (passive)	✖
Pulse/Transistor Output	✖
Flow Alarm	✖
Batch Control output	✖

PRODUCT DATA SHEET

A

436mm*

254mm

141mm

179mm
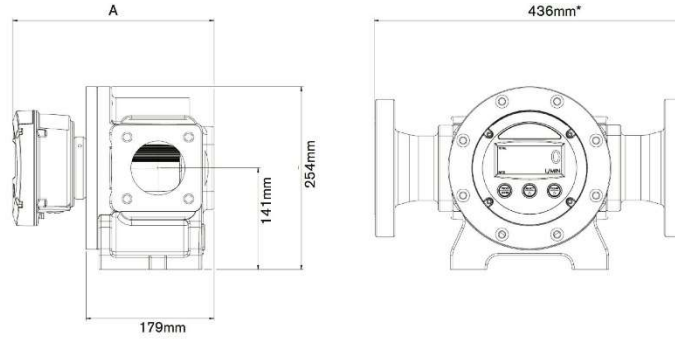
PULSER AND DISPLAY HEIGHT - A

OUTPUT A,I,J,K PULSER - Standard	OUTPUT B PULSER - Exia	OUTPUT C PULSER - EXd	OUTPUT N PULSER - Exia	OUTPUT T PULSER - High Temp.	OUTPUT D,E DISPLAY - LCD 12mm	OUTPUT F,G,H DISPLAY - LCD 17mm
196mm	230mm	226mm	237mm	241mm	227mm	280mm
Ø74mm	Ø19mm	25.4mm (1") A/F	25.4mm (1") A/F	Ø16mm	Ø99mm	Ø161mm