

# PRODUCT DATA SHEET

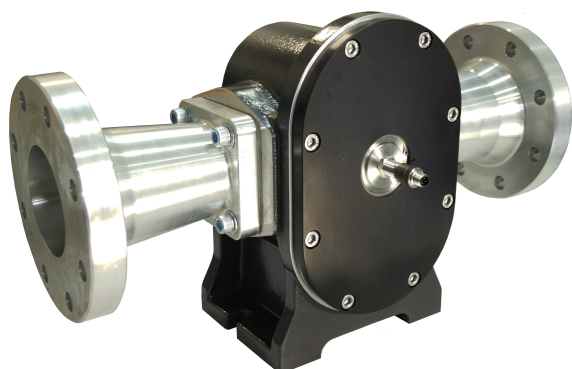
## MX75S-3SC - 3" DIGITAL FLOW METER WITH FLAME PROOF (EX D)

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  $\pm 0.5\%$  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
- FEP Encapsulated seals
- Maximum flow rate 733 L/min / 193.64 GPM
- Accuracy of  $\pm 0.5\%$  of reading
- Exceptional repeatability of  $\pm 0.03\%$
- Temperature up to 120 °C / 248 °F
- 1 point factory calibration as standard, with additional points upon request

## SPECIFICATIONS



MX75S-3SC

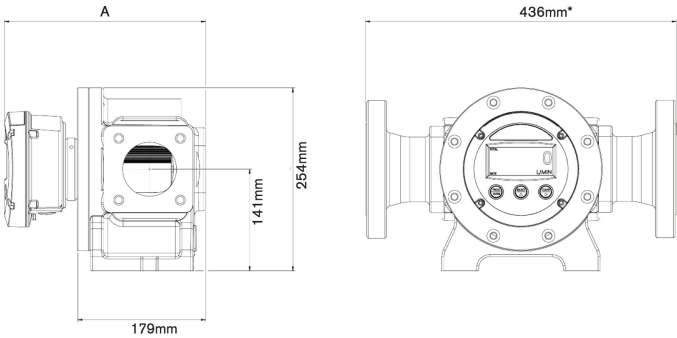
MX75S-3SC			
Material of construction	Meter Body	Aluminium (6061)	
	Rotor	Aluminium (6061)	
	Seals	FEP Encapsulated	
	Design Specifications		
	Process Connections	3" ANSI 150 Flange	
Technical Specifications		min	max
	Flow rate		
	< 5cP	60	600
		15.85	158.50
	> 5cP	20	733
		5.28	193.64
	Non lubricating fluids	-	733
		-	193.64
	Operating Temperature Range**	-40	120
		-40	248
	Accuracy ( $\pm\%$ )	$\pm 0.5\%$	
	Repeatability ( $\pm\%$ )	$\pm 0.03\%$	
	Nominal K-Factor	2.58 Pulses/Litre	
		9.77 Pulses/Gallon	

## OUTPUT TYPE



FLAME PROOF (EX D)

EX Approved [Ex D]	
Construction	Stainless Steel
IP Rating	-
Temp	Min: - Max: - °C Min: - Max: - °F
EX Approvals	IECEX, ATEX, US & CAN THROUGH FM 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	×



PULSER AND DISPLAY HEIGHT - A

